

Traditional IRA: Information and Account Application



EFFECTIVE FEBRUARY 2024



All checks should be payable and mailed to:

Thornburg

Send completed forms and checks to:

Thornburg

P.O. Box 219017

Kansas City, MO 64121-9017

Overnight mail:

330 W. 9th Street

Kansas City, MO 64105-1514

For questions or to request additional materials,
call: 800-847-0200

Thornburg Investment Management
UMB Bank, n.a., Individual Retirement
Custodial Account Agreement
800.847.0200



I, the person signing this Account Agreement (hereinafter called the "depositor"), establish a Traditional Individual Retirement Account (IRA) with UMB Bank, n.a., as Custodian ("Custodian"). A traditional IRA operates under Internal Revenue Code Section 408(a). I agree to the terms of my account, which are contained in the applicable provisions of the document entitled "UMB Bank, n.a., Individual Retirement Custodial Account Agreement." I certify the accuracy of the information in this Account Agreement. My account will be effective upon acceptance by Custodian.

Important Notice – The USA PATRIOT Act

To help the government fight the funding of terrorism and money laundering activities, Federal Law requires all financial institutions to obtain, verify, and record information that identifies each person who opens an account. Furthermore, legal entity customers may be asked to provide verification and identification information about their ultimate beneficial owners and control persons.

What this means for you: When you open an account, we will ask for your name, address, date of birth, and other information that will allow us to identify you. This information will be verified to ensure identity of all individuals opening a mutual fund account.

The Depositor Information section below must be completed and will be verified as required by the USA PATRIOT Act.

Part 1: Depositor

First Name M.I. Last Name

Social Security Number (Required) Date of Birth (Required)

Mailing Address (If mailing address is a post office box, a street address is also required by the USA PATRIOT Act)

Residential Street Address (APO and FPO addresses are acceptable)

City State Zip

U.S. State or Country of Permanent Residence

Home Phone Work Phone

Part 2: Contribution Type

1. Annual contributions – Current contribution for the year _____. Check enclosed for \$_____. This contribution does not exceed the maximum permitted amount as described in the IRA Disclosure Statement.

2. Transfer – Transfer of existing traditional IRA directly from current custodian or trustee. Complete the IRA Transfer of Assets Form.

If this transfer includes any nondeductible contributions to the transferring account, indicate the amount of nondeductible contributions included in this transfer: \$_____.

3. Rollover – Rollover of a withdrawal from another traditional IRA or of an eligible rollover distribution from an employer qualified plan, 403(b) arrangement or eligible 457 plan. The requirements for a valid rollover are complex and restrictions apply to IRA to IRA rollovers. See the IRS website and the Disclosure Statement for additional information and consult your tax adviser for help if needed. Check enclosed for \$_____.

(If this rollover contribution constitutes all or part of either a withdrawal from another traditional IRA or an eligible rollover distribution from an employer qualified plan or 403(b) arrangement, and if it includes any after-tax (or nondeductible) contributions to such other traditional IRA or employer qualified plan or 403(b) arrangement, indicate the amount of after-tax contributions included in this rollover contribution: \$_____.)

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4. Direct Rollover – Direct rollover of an eligible rollover distribution from an employer qualified plan, 403(b) arrangement or eligible 457 plan. Direct rollovers are described in the Disclosure Statement. If this is a direct rollover contribution from an employer qualified plan or 403(b) arrangement, and if it includes any after-tax (or nondeductible) contributions to such employer qualified plan or 403(b) arrangement, indicate the amount of after-tax contribution included in this direct rollover: \$_____

5. Recharacterization with Thornburg – Give current Roth IRA account number: _____

Indicate amount recharacterized, if less than entire account balance: \$_____ (If no amount is inserted here, we will recharacterize the entire account balance.)

With another custodian or trustee: complete the IRA Transfer of Assets Form.

6. SEP Provision – Check here if the depositor intends to use this account in connection with a SEP Plan or grandfathered SARSEP Plan established by the depositor's employer.

Part 3: Inherited Traditional IRA

Please complete this section if you are establishing an IRA that will hold inherited assets (assets that you are receiving as a beneficiary of a deceased IRA owner or plan participant). If you complete Part 2 of this Account Agreement, you are certifying that you are the owner of this IRA in your own right are not subject to the special rules for an inheriting beneficiary of a deceased IRA owner or plan participant.

Deceased IRA Owner

First Name	M.I.	Last Name
Social Security Number		Account Number
Date of Birth	Date of Death	

Prior Owners of IRA

Complete this section ONLY if you are a Succeeding Generation Beneficiary. Add all previous owners of this IRA.

First Name	M.I.	Last Name
Date of Birth	Date of Death	

Part 4: Investments

Thornburg cannot accept cash or cash equivalents. For this purpose, cash equivalents include, but are not limited to: cashier's checks, official bank checks, money orders, traveler's checks, and credit card checks. The minimum to open an account is \$2,000.00.

Invest contributions to my account as follows:

	Class A	Class C	
Better World International Fund	<input type="checkbox"/> 131	<input type="checkbox"/> 617	_____%
Core Plus Bond Fund	<input type="checkbox"/> 175	<input type="checkbox"/> 627	_____%
Developing World Fund	<input type="checkbox"/> 118	<input type="checkbox"/> 680	_____%
Global Opportunities Fund	<input type="checkbox"/> 122	<input type="checkbox"/> 672	_____%
International Equity Fund	<input type="checkbox"/> 139	<input type="checkbox"/> 639	_____%
International Growth Fund	<input type="checkbox"/> 119	<input type="checkbox"/> 609	_____%
Investment Income Builder Fund	<input type="checkbox"/> 161	<input type="checkbox"/> 661	_____%
Limited Term Income Fund	<input type="checkbox"/> 196	<input type="checkbox"/> 646	_____%

Limited Term U.S. Government Fund	<input type="checkbox"/> 142	<input type="checkbox"/> 642	_____%
Small/Mid Cap Core Fund	<input type="checkbox"/> 167	<input type="checkbox"/> 647	_____%
Small/Mid Cap Growth Fund	<input type="checkbox"/> 183	<input type="checkbox"/> 653	_____%
Strategic Income Fund	<input type="checkbox"/> 121	<input type="checkbox"/> 637	_____%
Summit Fund	<input type="checkbox"/> 1450	n/a	_____%
Ultra Short Income Fund	<input type="checkbox"/> 130	n/a	_____%

Must Total 100%

I acknowledge that I have sole responsibility for my investment choices and that I have received a current prospectus for each fund I select. Please read the prospectus(es) of the fund(s) selected before investing. If no class of shares is selected, class A shares will be purchased.

The annual maintenance fee of \$10 will be assessed at year end. The full maintenance fee will be charged for any calendar year in which you have an IRA with us. This fee is not prorated for periods of less than one full year.

Part 5: Special Class of Investor

I qualify to purchase class A shares of the fund at a variation from the Public Offering Price, pursuant to my classification as one of the investors described in the prospectus (see "Class A Sales Charge Waivers" in the prospectus for conditions and details).

- Shareholder who redeemed class A shares of a Thornburg fund within 90 days. The purchase must be in the same fund and account.
- Employees of brokerage firms and financial planning firms, and their families.
- Customers of a bank trust department, companies with trust powers or investment professionals who charge fees for service.
- Officers, trustees, directors and employees of Thornburg Investment Management, the advisor, distributor, any affiliated Thornburg Company, the custodian, transfer agent, and their families.
- Purchasing shares in the amount of \$1,000,000 or more, subject to redemption fee if sold within 12 months of purchase date.

Letter of Intent (Applicable to A shares only)

- I wish to establish a new letter of intent.
- I wish to apply this purchase to an existing letter of intent. Please list existing accounts under rights of accumulation.

If establishing a letter of intent, you will need to purchase over a 13-month period in accordance with the provisions of the prospectus. The aggregate amount of these purchases will be at least equal to the amount listed below. See the prospectus for more information.

I intend to invest the following target amount in Thornburg funds:

- \$50,000
- \$100,000
- \$250,000
- \$500,000
- \$1,000,000

Rights of Accumulation

To qualify for sales discounts on class A shares, list the account numbers for all accounts of other funds (in share classes A, C, and D) that you already own. See the prospectus for specific information on rights of accumulation.

Account # _____	Account # _____
Account # _____	Account # _____

Part 6: Designation of Beneficiary

Note: Any amount remaining in the account that is not disposed of by a proper Designation of Beneficiary will be distributed to your estate (unless otherwise required by the laws of your state of residence). You may change the beneficiary(ies) named below at any time by filing a new Beneficiary Update form with the custodian. Any subsequent designation filed with the custodian will revoke all prior designations, even if the subsequent designation does not dispose of your entire account.

As depositor, I hereby make the following designation of beneficiary in accordance with the UMB Bank, n.a., Individual Retirement Custodial Account Agreement: In the event of my death, pay any interest I may have under my account to the following primary beneficiary or beneficiaries who survive me.

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Make payment in the proportions specified below (or in equal proportions if no different proportions are specified). If any primary beneficiary predeceases me, their share is to be divided among the primary beneficiaries who survive me in the relative proportions assigned to each such surviving primary beneficiary.

Primary Beneficiaries:

Name	Relationship	
		%
Date of Birth (Required)	Social Security Number (Required)	Proportion
Name	Relationship	
		%
Date of Birth (Required)	Social Security Number (Required)	Proportion

If none of the primary beneficiaries survive me, pay any interest I may have under my account to the following alternate beneficiary or beneficiaries who survive me. Make payment in the proportions specified below (or in equal proportions if no different proportions are specified). If any alternate beneficiary predeceases me, their share is to be divided among the alternate beneficiaries who survive me in the relative proportions assigned to each such surviving alternate beneficiary.

Alternate Beneficiary:

Name	Relationship	
		%
Date of Birth (Required)	Social Security Number (Required)	Proportion

Spousal Waiver

If you are married, please read the following information that applies to residents of community property or marital property states if spouse is not designated as primary beneficiary. It is the Account Owner's responsibility to determine if this section applies. The Account Owner may need to consult with legal counsel. Neither the Fund nor its Agent are liable for any consequences resulting from a failure of the Account Owner to provide proper spousal consent.

IMPORTANT: This Designation of Beneficiary may have tax or estate planning effects and consequences. If you are married and reside in a community property or marital property state (currently Arizona, California, Idaho, Louisiana, Nevada, New Mexico, Texas, Washington or Wisconsin), you may need to obtain your spouse's consent if you have not designated your spouse as primary beneficiary for at least half of your Account. Note that the states listed here may change. See your attorney or tax professional for additional information and advice.

As the spouse of the above-named owner of the account, I hereby consent to the designation of the beneficiary(ies) stated above.

Name of Spouse	Signature of Spouse	Date
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Part 7: Dealer/Financial Professional Information (Required)

This section must be completed for your application to be processed.

Firm _____

Representative Name _____

Branch Address _____

City _____ State _____ Zip _____

Representative Telephone Numbe _____ Representative Branch _____ Representative Number _____

Part 8: Bank Information/Automatic Investment Plan

Please use attached voided check to add bank information to my account.

I wish to establish the following systematic investments directly from my bank account into the following funds:
 (Minimum is \$100 per fund, per draft)

\$ _____ into fund _____

\$ _____ into fund _____

\$ _____ into fund _____

Start date (If no date is chosen, drafts will occur on or about the 15th of the month. Systematic IRA contributions will be coded as current year, unless otherwise indicated.): _____

Frequency: Monthly Quarterly Semi-Annually Annually Other _____

Part 9: Internet Redemption

Internet redemption privileges allow the shareholder the option to process redemptions at Thornburg.com. Unless the box below is marked, I have read the prospectus language regarding internet redemptions, and I agree that the Fund may accept internet instructions from me or anyone who purports to be me, provided the Fund believes, in good faith, that the instructions are genuine. Neither the Trust, Fund, nor the Transfer Agent is responsible for the authenticity of redemption instructions received by internet, and, as a result, investors will bear the risk of loss in the event of fraudulent redemption requests. You are acknowledging that the Trust, Distributor, Transfer Agent and their Trustees, directors, officers, and employees are not liable for acting upon internet instructions which they believe to be genuine.

I decline internet redemption privileges on this Thornburg account.

Part 10: Electronic Delivery

I consent to receive statements concerning my investment in any Thornburg Fund through thornburg.com. I understand that delivery options can be updated at any time by logging into my account through Thornburg.com. I understand that an email will be sent when the documents are available. I agree to inform Thornburg of any email address changes. I elect to receive notification of the following checked documents electronically to the email provided below.

Account Statement

Tax Forms

Transaction Confirmation

For bond fund investors only: Please check this box if you would like to receive a statement quarterly instead of monthly.

Email Address _____

Part 11: Trusted Contact Person Information

By choosing to provide information about a trusted contact person, you authorize us to contact the trusted contact person listed below and disclose information about your account to that person in the following circumstances: to address possible financial exploitation, to confirm the specifics of your current contact information, health status, or the identity of any legal guardian, executor, trustee or holder of a power of attorney, or as otherwise permitted by FINRA Rule 2165 (Financial Exploitation of Specified Adults).

Name	Date of Birth	
Phone	Email	
Address		
City	State	Zip
Relationship to Account Owner		

Part 12: Information and Certifications Concerning Tax Withholding

By signing this form in the next section the depositor certifies that they are a U.S. Person (U.S. citizen or resident alien). Depositor acknowledges that the IRS does not require consent to any provisions of this document other than the Form W-8BEN certification required to qualify for a ta treaty rate of withholding (see IRS Publication 515). Depositor certifies that the number shown in Part 1 of this adoption agreement is the depositor's correct Social Security Number (or the depositor is waiting to be issued a Social Security Number).

Part 13: Certifications and Signatures

Important: Please read before signing.

I understand the eligibility requirements for the type of IRA contribution I am making, and I state that I do qualify to make the contribution. I have received a copy of the Individual Retirement Custodial Account Agreement, the 5305-A Custodial Account Agreement, and the Disclosure Statement. I understand that the terms and conditions that apply to this IRA are contained in this Application and the Custodial Account Agreement. I agree to be bound by those terms and conditions. Within seven days from the date I open this IRA I may revoke it without penalty by mailing or delivering a written notice to the custodian.

I assume complete responsibility for

- determining that I am eligible for an IRA each year I make a contribution,
- ensuring that all contributions I make are within the limits set forth by the tax laws, and the tax consequences of any contributions (including rollover contributions) and distributions.

Signature of Depositor: _____ Date: _____

If the depositor is a minor under the laws of the depositor's state of residence, a parent or guardian must also sign the adoption agreement here. Until the depositor reaches the age of majority, the parent or guardian will exercise the powers and duties of the depositor.

Signature of Parent or Guardian: _____ Date: _____

Social Security Number (Required):

Date of Birth (Required):

Residential Address:

Custodian Acceptance

UMB Bank, n.a., will accept appointment as custodian of the depositor's account. However, this Agreement is not binding upon the custodian until the depositor has received a statement confirming the initial transaction for the account. Receipt by the depositor of a confirmation of the purchase of the fund shares indicated above will serve as notification of UMB Bank, n.a.'s acceptance of appointment as custodian of the depositor's account.

UMB BANK, N.A., CUSTODIAN

RETAIN A PHOTOCOPY OF THE COMPLETED AGREEMENT FOR YOUR RECORDS

Please send the completed forms and checks to:

Regular Mail
Thornburg
P.O. Box 219017
Kansas City, MO 64121-9017

Overnight Mail
Thornburg
330 W 9th St.
Kansas City, MO 64105

As with all personal financial accounts, property may be transferred to the state if no activity occurs in your account within the time period specified by state law, and we are unable to communicate with you about your account.

UMB Bank, n.a.
Individual Retirement Custodial Account
IRA Transfer of Assets/Direct Rollover Form
Contact Phone Number: 800.847.0200



Part 1: Name and Address of Depositor

First Name	M.I.	Last Name
Social Security Number		Daytime Phone
Street Address (Including apartment or box number)		
City	State	Zip

Part 2: Identification of Receiving Account

This is a transfer to a UMB Bank, n.a.:

- Traditional IRA**
- SEP IRA**
- Roth IRA***
- SIMPLE IRA****

*You may make only one IRA to IRA rollover within a one year (365 day) period that begins when you receive a distribution from any of your IRAs. Note that this restriction does not apply to trustee to trustee transfers between IRAs or to direct rollovers to an IRA from an employer qualified plan.

**You may not transfer from a Roth IRA to a traditional IRA or simplified employee pension (SEP) IRA or SIMPLE IRA, unless this is a recharacterization transaction as permitted under IRS rules – consult the IRS or a tax professional for assistance, if needed. Transfers or direct rollovers to a traditional IRA or SEP IRA may be made from another traditional IRA or SEP IRA, employer qualified plan, 403(b) arrangement, eligible Section 457 plan, or a SIMPLE IRA account (but not until at least 2 years after the first contribution to your SIMPLE IRA account).

***Transfers or rollovers to a Roth IRA are possible from another Roth IRA or from a designated Roth account in an employer qualified plan. Also, if the Roth IRA owner meets eligibility requirements, transfers to a Roth IRA are possible from a traditional IRA, a SEP IRA or from a SIMPLE IRA (but not until at least 2 years after the first contribution to the SIMPLE IRA account), and from other types of eligible tax-deferred accounts. A transfer to a Roth IRA from another IRA or from an eligible retirement plan will trigger federal income tax on the taxable amount transferred.

A participant in an employer retirement plan who is eligible to remove assets from the plan may make a rollover to a Roth IRA, either taxably from a non-Roth account in the plan, or non-taxably from a designated Roth account in the plan. Similarly, a beneficiary inheriting non-Roth assets from an employer plan participant also may request a direct rollover; a spouse beneficiary may roll over to their own traditional IRA non-taxably, or to their own Roth IRA taxably; a non-spouse beneficiary may roll over to an inherited traditional IRA non-taxably, or to an inherited Roth IRA taxably. A beneficiary inheriting designated Roth account assets from an employer plan participant may request a non-taxable direct rollover to a Roth IRA, if a spouse beneficiary, or to an inherited Roth IRA if a non-spouse beneficiary.

****Transfers to a SIMPLE IRA may be made only from another SIMPLE IRA. During the first two years after a SIMPLE IRA is established, transfers from the SIMPLE IRA may be made only to another SIMPLE IRA; after two years, transfers may be made from a SIMPLE IRA to a traditional IRA or to a Roth IRA.

If you already have a UMB Bank, n.a., traditional IRA, SEP IRA, SIMPLE IRA or Roth IRA, indicate the account number_____.

Note: If you are establishing an inherited IRA or an IRA that will hold assets that you are receiving as the beneficiary of a deceased traditional IRA owner, a Roth IRA owner or a plan participant in an employer qualified Plan or designated Roth account, please be sure to complete the necessary information for an inherited IRA in the IRA Adoption Agreement.

Part 3: Tax Withholding Election (complete for current custodian only if you are transferring to a Roth IRA from another type of IRA)

Under IRS rules, a transfer from a traditional IRA, SEP IRA, or SIMPLE IRA to a Roth IRA or a rollover from an employer qualified plan to a Roth IRA, is treated for income tax purposes as a distribution of taxable amounts in the other retirement plan. IRS rules require the sending custodian to withhold 10% of the amount transferred for federal income taxes unless you opt out of withholding or request a different percentage by checking the box below and completing and submitting IRS Form W-4R with this transfer request.

- Check this box if you would like to withhold any amount other than 10%, and complete and submit IRS Form W-4R with this application. This form is available for download at thornburg.com or by calling us at 800.847.0200.

Part 4: Instructions to Current IRA Custodian or Trustee – Completed by Depositor (must be completed to prevent delays)

Name of Custodian/Trustee _____

Attn: _____ Phone Number _____

Address _____

City _____ State _____ Zip _____

Identification of sending account (required) – **Please attach current account statement**

Account Number: _____

Please transfer or directly rollover assets from the above account to UMB Bank, n.a. If I am requesting the movement of non-Roth assets to a Roth IRA, I understand the transaction must be reported by the current custodian or trustee as a conversion or taxable rollover. Transfer or direct rollover should be in cash according to the following instructions, and make checks payable to Thornburg:

- Liquidate and transfer or rollover the total amount in my account or
- Liquidate and transfer or rollover \$ _____ and retain the balance.
- Transfer-in-kind \$ _____ (please indicate “all” or specify amount)

Fund CUSIP _____ (if known)

Please code as a:

- Transfer of Assets
- Rollover

Part 5: Investment Instructions to UMB Bank, n.a.

Invest the transferred amount in accordance with the investment instructions in the adoption agreement for my UMB Bank, n.a., Individual Retirement Custodial Account.

Invest the transferred amount as follows:

	Share Class and Fund Number		
	Class A	Class C	
Better World International Fund	<input type="checkbox"/> 131	<input type="checkbox"/> 617	_____%
Core Plus Bond Fund	<input type="checkbox"/> 175	<input type="checkbox"/> 627	_____%
Developing World Fund	<input type="checkbox"/> 118	<input type="checkbox"/> 680	_____%
Global Opportunities Fund	<input type="checkbox"/> 122	<input type="checkbox"/> 672	_____%
International Equity Fund	<input type="checkbox"/> 139	<input type="checkbox"/> 639	_____%
International Growth Fund	<input type="checkbox"/> 119	<input type="checkbox"/> 609	_____%
Investment Income Builder Fund	<input type="checkbox"/> 161	<input type="checkbox"/> 661	_____%
Limited Term Income Fund	<input type="checkbox"/> 196	<input type="checkbox"/> 646	_____%
Limited Term U.S. Government Fund	<input type="checkbox"/> 142	<input type="checkbox"/> 642	_____%
Small/Mid Cap Core Fund	<input type="checkbox"/> 167	<input type="checkbox"/> 647	_____%
Small/Mid Cap Growth Fund	<input type="checkbox"/> 183	<input type="checkbox"/> 653	_____%
Strategic Income Fund	<input type="checkbox"/> 121	<input type="checkbox"/> 637	_____%
Summit Fund	<input type="checkbox"/> 1450	n/a	_____%
Ultra Short Income Fund	<input type="checkbox"/> 130	n/a	_____%

Must Total 100%

Thornburg Investment Management

I acknowledge that I have sole responsibility for my investment choices and that I have received a current prospectus for each fund I select. I have read or know of the availability of the prospectus(es) of the fund(s) I selected before investing.

I understand that the requirements for a valid transfer or rollover to a traditional IRA, SEP IRA, Roth IRA or SIMPLE IRA are complex. I acknowledge that I have the responsibility for complying with all requirements and for the tax results of any such transfer, rollover, or direct rollover.

Part 6: Signature of Depositor

I, the undersigned depositor, certify to the present IRA custodian or trustee that the undersigned has established a successor Individual Retirement Custodial Account meeting the requirements of Internal Revenue Code Section 408(a), 408(p) or 408A (as the case may be) to which assets will be transferred, and I certify to UMB Bank, n.a., that the account from which assets are being transferred meets the requirements of Internal Revenue Code and that the transfer satisfies the requirements for valid transfer or rollover.

Note: To assure prompt transfer or rollover of the assets from the current custodian/trustee or employer to UMB Bank, n.a., if you do not receive a confirmation statement detailing the transfer or rollover within 45 days, please call your current custodian/trustee or employer. Call 800-847-0200 if you have any questions. It is also your responsibility to keep track of after-tax contributions and non-deductible contributions that may be included in the transfer or rollover.

Signature of Depositor Date

Signature Guaranteed by:

Name of Bank or Dealer Firm / Signature of Officer and Title Date

Medallion Signature Guarantee (only if required by current custodian or trustee; a notary public is not acceptable)

Affix Medallion Signature Guarantee here:

Part 7. Acceptance By New Custodian (Completed by UMB Bank, n.a.)

UMB Bank, n.a., agrees to accept transfer of the above amount for deposit to the depositor's UMB Bank, n.a., Individual Retirement Custodial Account, and requests the liquidation and transfer of assets as indicated above. See attached letter of acceptance for the signature of an authorized officer of the custodial agent.

UMB, n.a INDIVIDUAL RETIREMENT CUSTODIAL ACCOUNT AGREEMENT

Form 5305-A under section 408(a) of the Internal Revenue Code.

FORM (Rev. April 2017)

The depositor named on the application is establishing a Traditional individual retirement account under section 408(a) to provide for his or her retirement and for the support of his or her beneficiaries after death.

The custodian named on the application has given the depositor the disclosure statement required by Regulations section 1.408-6.

The depositor has assigned the custodial account the sum indicated on the application.

The depositor and the custodian make the following agreement:

ARTICLE I

Except in the case of a rollover contribution described in section 402(c), 403(a)(4), 403(b)(8), 408(d)(3), or 457(e)(16), an employer contribution to a simplified employee pension plan as described in section 408(k) or a recharacterized contribution described in section 408A(d)(6), the custodian will accept only cash contributions up to \$5,500 per year for tax years 2013 through 2017. For individuals who have reached the age of 50 by the end of the year, the contribution limit is increased to \$6,500 per year for tax years 2013 through 2017. For years after 2017, these limits will be increased to reflect a cost-of-living adjustment, if any.

ARTICLE II

The depositor's interest in the balance in the custodial account is nonforfeitable.

ARTICLE III

1. No part of the custodial account funds may be invested in life insurance contracts, nor may the assets of the custodial account be commingled with other property except in a common trust fund or common investment fund (within the meaning of section 408(a)(5)).
2. No part of the custodial account funds may be invested in collectibles (within the meaning of section 408(m)) except as otherwise permitted by section 408(m)(3), which provides an exception for certain gold, silver, and platinum coins, coins issued under the laws of any state, and certain bullion.

ARTICLE IV

1. Notwithstanding any provision of this agreement to the contrary, the distribution of the depositor's interest in the custodial account shall be made in accordance with the following requirements and shall otherwise comply with section 408(a)(6) and the regulations thereunder, the provisions of which are herein incorporated by reference.
2. The depositor's entire interest in the custodial account must be, or begin to be, distributed not later than the depositor's required beginning date, April 1 following the calendar year in which the depositor reaches age 70½. By that date, the depositor may elect, in a manner acceptable to the custodian, to have the balance in the custodial account distributed in: (a) A single sum or (b) Payments over a period not longer than the life of the depositor or the joint lives of the depositor and his or her designated beneficiary.
3. If the depositor dies before his or her entire interest is distributed to him or her, the remaining interest will be distributed as follows:
 - (a) If the depositor dies on or after the required beginning date and:
 - (i) the designated beneficiary is the depositor's surviving spouse, the remaining interest will be distributed over the surviving spouse's life expectancy as determined each year until such spouse's death, or over the period in paragraph (a)(iii) below if longer. Any interest remaining after the spouse's death will be distributed over such spouse's remaining life expectancy as determined in the year of the spouse's death and reduced by one for each subsequent year, or, if distributions are being made over the period in paragraph (a)(iii) below, over such period.
 - (ii) the designated beneficiary is not the depositor's surviving spouse, the remaining interest will be distributed over the beneficiary's remaining life expectancy as determined in the

year following the death of the depositor and reduced by one for each subsequent year, or over the period in paragraph (a)(iii) below if longer.

- (iii) If there is no designated beneficiary, the remaining interest will be distributed over the remaining life expectancy of the depositor as determined in the year of the depositor's death and reduced by one for each subsequent year.
- (b) If the depositor dies before the required beginning date, the remaining interest will be distributed in accordance with paragraph (i) below or, if elected or there is no designated beneficiary, in accordance with paragraph (ii) below.
 - (i) The remaining interest will be distributed in accordance with paragraphs (a)(i) and (a)(ii) above (but not over the period in paragraph (a)(iii), even if longer), starting by the end of the calendar year following the year of the depositor's death. If, however, the designated beneficiary is the depositor's surviving spouse, then this distribution is not required to begin before the end of the calendar year in which the depositor would have reached age 70½. But, in such case, if the depositor's surviving spouse dies before distributions are required to begin, then the remaining interest will be distributed in accordance with paragraph (a)(ii) above (but not over the period in paragraph (a)(iii), even if longer), over such spouse's designated beneficiary's life expectancy, or in accordance with paragraph (ii) below if there is no such designated beneficiary.
 - (ii) The remaining interest will be distributed by the end of the calendar year containing the fifth anniversary of the depositor's death.
 4. If the depositor dies before his or her entire interest has been distributed and if the designated beneficiary is not the depositor's surviving spouse, no additional contributions may be accepted in the account.
 5. The minimum amount that must be distributed each year, beginning with the year containing the depositor's required beginning date, is known as the "required minimum distribution" and is determined as follows.
 - (a) The required minimum distribution under paragraph 2(b) for any year, beginning with the year the depositor reaches age 70½, is the depositor's account value at the close of business on December 31 of the preceding year divided by the distribution period in the uniform lifetime table in Regulations section 1.401(a)(9)-9. However, if the depositor's designated beneficiary is his or her surviving spouse, the required minimum distribution for a year shall not be more than the depositor's account value at the close of business on December 31 of the preceding year divided by the number in the joint and last survivor table in Regulations section 1.401(a)(9)-9. The required minimum distribution for a year under this paragraph (a) is determined using the depositor's (or, if applicable, the depositor and spouse's) attained age (or ages) in the year.
 - (b) The required minimum distribution under paragraphs 3(a) and 3(b)(i) for a year, beginning with the year following the year of the depositor's death (or the year the depositor would have reached age 70½, if applicable under paragraph 3(b)(i)) is the account value at the close of business on December 31 of the preceding year divided by the life expectancy (in the single life table in Regulations section 1.401(a)(9)-9) of the individual specified in such paragraphs 3(a) and 3(b)(i).
 - (c) The required minimum distribution for the year the depositor reaches age 70½ can be made as late as April 1 of the following year. The required minimum distribution for any other year must be made by the end of such year.
 6. The owner of two or more Traditional IRAs may satisfy the minimum distribution requirements described above by taking from one Traditional

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tional IRA the amount required to satisfy the requirement for another in accordance with the regulations under section 408(a)(6).

ARTICLE V

1. The depositor agrees to provide the custodian with all information necessary to prepare any reports required by section 408(i) and Regulations sections 1.408-5 and 1.408-6.
2. The custodian agrees to submit to the Internal Revenue Service (IRS) and depositor the reports prescribed by the IRS.

ARTICLE VI

Notwithstanding any other articles which may be added or incorporated, the provisions of Articles I through III and this sentence will be controlling. Any additional articles inconsistent with section 408(a) and the related regulations will be invalid.

ARTICLE VII

This agreement will be amended as necessary to comply with the provisions of the Code and the related regulations. Other amendments may be made with the consent of the persons whose signatures appear on the application.

ARTICLE VIII

- 8.01 Definitions. As used in this Article VIII the following terms have the following meanings:

“Adoption Agreement” is the application signed by the Depositor to accompany and adopt this Custodial Account. The Adoption Agreement may also be referred to as the “Account Application”.

“Agreement” means the Individual Retirement Account established using the terms of this agreement.

“Ancillary Fund” means any mutual fund or registered investment company designated by Sponsor, which is (i) advised, sponsored or distributed by a duly licensed mutual fund or registered investment company other than the Custodian, and (ii) subject to a separate agreement between the Sponsor and such mutual fund or registered investment company, to which neither the Custodian nor the Service Company is a party; provided, however, that such mutual fund or registered investment company must be legally offered for sale in the state of the Depositor’s residence.

“Beneficiary” has the meaning assigned in Section 8.11.

“Custodial Account” means the Individual Retirement Account established using the terms of this Agreement.

“Custodian” means UMB Bank, n.a. and any corporation or other entity that by merger, consolidation, purchase or otherwise, assumes the obligations of the Custodian.

“Depositor” means the person signing the Adoption Agreement accompanying this Agreement.

“Distributor” means the entity, which has a contract with the Fund(s) to serve as distributor of the shares of such Fund(s). In any case where there is no Distributor, the duties assigned hereunder to the Distributor may be performed by the Fund(s) or by an entity that has a contract to perform management or investment advisory services for the Fund(s).

“Fund” means any mutual fund or registered investment company, which is advised, sponsored or distributed by Sponsor; provided, however, that such a mutual fund or registered investment company must be legally offered for sale in the state of the Depositor’s residence. Subject to the provisions of Section 8.03 below, the term “Fund” includes an Ancillary Fund.

“Service Company” means any entity employed by the Custodian or the Distributor, including the transfer agent for the Fund(s), to perform various administrative duties of either the Custodian or the Distributor. In any case where there is no Service Company, the duties assigned hereunder to the Service Company will be performed by the Distributor (if any) or by an entity that has a contract to perform management or investment advisory services for the Fund(s).

“Sponsor” means Thornburg Funds. Reference to the Sponsor includes reference to any affiliate of Sponsor to which Sponsor has

delegated (or which is in fact performing) any duty assigned to Sponsor under this Agreement.

“Spouse” means an individual married to the Depositor under the laws of the applicable jurisdiction. The term “spouse” shall include same-sex individuals whose marriage was validly entered into in a jurisdiction whose laws authorize such marriage even if the couple is domiciled in a jurisdiction that does not recognize the validity of same-sex marriages. The term “spouse” shall not include individuals (whether of the same or opposite sex) who have entered into a registered domestic partnership, civil union, or other similar relationship recognized under the laws of a jurisdiction that is not denominated as marriage under the laws of the jurisdiction. A Depositor and his or her spouse are deemed to be “married” for all purposes of this Agreement

- 8.02 Revocation-The Depositor may revoke the Custodial Account established hereunder by mailing or delivering a written notice of revocation to the Custodian within seven days after the Depositor receives the Disclosure Statement related to the Custodial Account. Mailed notice is treated as given to the Custodian on date of the postmark (or on the date of Post Office certification or registration in the case of notice sent by certified or registered mail). Upon timely revocation, the Depositor’s initial contribution will be returned, without adjustment for administrative expenses, commissions or sales charges, fluctuations in market value or other changes.

The Depositor may certify in the Adoption Agreement that the Depositor received the Disclosure Statement related to the Custodial Account at least seven days before the Depositor signed the Adoption Agreement to establish the Custodial Account, and the Custodian may rely upon such certification.

In any instance where it is established that the Depositor has had possession of the Disclosure Statement for more than seven days, it will be conclusively presumed that the Depositor has waived his or her right to revoke under this Section.

- 8.03 Investments. All contributions to the Custodial Account shall be invested and reinvested in full and fractional shares of one or more Funds. All such shares shall be held as book entry shares, and no physical shares or share certificate will be held in the Custodial Account. Such investments shall be made in such proportions and/or in such amounts as Depositor from time to time in the Adoption Agreement or by other written notice to the Service Company (in such form as may be acceptable to the Service Company) may direct.

The parties to this Agreement recognize and agree that the Sponsor may from time-to-time designate an Ancillary Fund in which all or a portion of the contributions to a Custodial Account may be invested and reinvested. Despite any contrary provision of this Agreement, neither the Custodian nor the Service Company has any discretion with respect to the designation of any Ancillary Fund.

The Service Company shall be responsible for promptly transmitting all investment directions by the Depositor for the purchase or sale of shares of one or more Funds hereunder to the Funds’ transfer agent for execution. However, if investment directions with respect to the investment of any contribution hereunder are not received from the Depositor as required or, if received, are unclear or incomplete in the opinion of the Service Company, the contribution will be returned to the Depositor, or will be held uninvested (or invested in a money market fund if available) pending clarification or completion by the Depositor, in either case without liability for interest or for loss of income or appreciation. If any other directions or other orders by the Depositor with respect to the sale or purchase of shares of one or more Funds are unclear or incomplete in the opinion of the Service Company, the Service Company will refrain from carrying out such investment directions or from executing any such sale or purchase, without liability for loss of income or for appreciation or depreciation of any asset, pending receipt of clarification or completion from the Depositor.

All investment directions by Depositor will be subject to any minimum initial or additional investment or minimum balance rules or other rules (by way of example and not by way of limitation, rules relat-

ing to the timing of investment directions or limiting the number of purchases or sales or imposing sales charges on shares sold within a specified period after purchase) applicable to a Fund as described in its prospectus.

All dividends and capital gains or other distributions received on the shares of any Fund shall be (unless received in additional shares) reinvested in full and fractional shares of such Fund (or of any other Fund offered by the Sponsor, if so directed).

If any Fund held in the Custodial Account is liquidated or is otherwise made unavailable by the Sponsor as a permissible investment for a Custodial Account hereunder, the liquidation or other proceeds of such Fund shall be invested in accordance with the instructions of the Depositor. If the Depositor does not give such instructions, or if such instructions are unclear or incomplete in the opinion of the Service Company, the Service Company may invest such liquidation or other proceeds in such other Fund (including a money market fund or Ancillary Fund if available) as the Sponsor designates, and provided that the Sponsor gives at least thirty (30) days advance written notice to the Depositor and the Service Provider. In such case, neither the Service Company nor the Custodian will have any responsibility for such investment.

Alternatively, if the Depositor does not give instructions and the Sponsor does not designate such other Fund as described above then the Depositor (or his or her Beneficiaries) will be deemed to have directed the Custodian to distribute any amount remaining in the Fund to (i) the Depositor (or to his Beneficiaries as their interests shall appear on file with the Custodian) or, (ii) if the Depositor is deceased with no Beneficiaries on file with the Custodian, then to the Depositor's estate, subject to the Custodian's right to reserve funds as provided in Section 8.17(b). The Sponsor and the Custodian will be fully protected in making any and all such distributions pursuant to this Section 8.03, provided that the Sponsor gives at least thirty (30) days advance written notice to the Depositor and the Service Provider. In such case, neither the Service Company nor the Custodian will have any responsibility for such distribution. The Depositor (or his or her Beneficiaries) shall be fully responsible for any taxes due on such distribution.

How are my IRA contributions invested?

You control the investment and reinvestment of contributions to your traditional IRA. Investments must be in one or more of the fund(s) available from time to time as listed in the Adoption Agreement for your traditional IRA or in an investment selection form provided with your Adoption Agreement or from the fund distributor or service company. You direct the investment of your IRA by giving your investment instructions to the distributor or service company for the fund(s). Since you control the investment of your traditional IRA, you are responsible for any losses; neither the custodian, the distributor nor the service company has any responsibility for any loss or diminution in value occasioned by your exercise of investment control. Transactions for your traditional IRA will generally be at the applicable public offering price or net asset value for shares of the fund(s) involved next established after the distributor or the service company (whichever may apply) receives proper and timely investment instructions from you; consult the current prospectus for the fund(s) involved for additional information.

Before making any investment, you should review the current prospectus for any fund you are considering as an investment for your traditional IRA. The prospectus will contain information about the fund's investment objectives and policies, as well as any minimum initial investment or minimum balance requirements, any restrictions or limitations on transferring into or out of the fund, and any sales, redemption or other charges. The method for computing and allocating annual earnings is set forth in the prospectus. In each prospectus, refer to the relevant section, which may have a heading such as "Performance Information" or "Dividends".

Because you control the selection of investments for your traditional IRA and because mutual fund shares fluctuate in value, the growth in value of your traditional IRA cannot be guaranteed or projected.

- 8.04 Exchanges. Subject to the minimum initial or additional investment, minimum balance and other exchange rules applicable to a Fund, the Depositor may at any time direct the Service Company to exchange all or a specified portion of the shares of a Fund in the Custodial Account for shares and fractional shares of one or more other Funds. The Depositor shall give such directions by written or telephonic notice acceptable to the Service Company, and the Service Company will process such directions as soon as practicable after receipt thereof (subject to the second paragraph of Section 8.03 of this Article VIII).
- 8.05 Transaction pricing. Any purchase or redemption of shares of a Fund for or from the Custodial Account will be effected at the public offering price or net asset value of such Fund (as described in the then effective prospectus for such Fund) next established after the Service Company has transmitted the Depositor's investment directions to the transfer agent for the Fund(s). Any purchase, exchange, transfer or redemption of shares of a Fund for or from the Custodial Account will be subject to any applicable sales, redemption or other charge as described in the then effective prospectus for such Fund.
- 8.06 Recordkeeping. The Service Company shall maintain adequate records of all purchases or sales of shares of one or more Funds for the Depositor's Custodial Account. Any account maintained in connection herewith shall be in the name of the Custodian for the benefit of the Depositor. All assets of the Custodial Account shall be registered in the name of the Custodian or of a suitable nominee. The books and records of the Custodian shall show that all such investments are part of the Custodial Account.

The Custodian shall maintain or cause to be maintained adequate records reflecting transactions of the Custodial Account. In the discretion of the Custodian, records maintained by the Service Company with respect to the Account hereunder will be deemed to satisfy the Custodian's recordkeeping responsibilities. The Service Company agrees to furnish the Custodian with any information the Custodian requires to carry out the Custodian's recordkeeping responsibilities.
- 8.07 Allocation of Responsibility. Neither the Custodian nor any other party providing services to the Custodial Account will have any responsibility for rendering advice with respect to the investment and reinvestment of the Custodial Account, nor shall such parties be liable for any loss or diminution in value which results from Depositor's exercise of investment control over his Custodial Account. Depositor shall have and exercise exclusive responsibility for and control over the investment of the assets of his Custodial Account, and neither Custodian nor any other such party shall have any duty to question his or her directions in that regard or to advise him or her regarding the purchase, retention or sale of shares of one or more Funds for the Custodial Account.
- 8.08 Appointment of Investment Advisor. The Depositor may in writing appoint an investment adviser with respect to the Custodial Account on a form acceptable to the Custodian and the Service Company. The investment adviser's appointment will be in effect until written notice to the contrary is received by the Custodian and the Service Company. While an investment adviser's appointment is in effect, the investment adviser may issue investment directions or may issue orders for the sale or purchase of shares of one or more Funds to the Service Company, and the Service Company will be fully protected in carrying out such investment directions or orders to the same extent as if they had been given by the Depositor.
- 8.09 Distributions.
 - (a) Distribution of the assets of the Custodial Account shall be made at such time and in such form as Depositor (or Beneficiary if Depositor is deceased) shall elect by written order to the Custodian. It is the responsibility of the Depositor (or Beneficiary) by appropriate distribution instructions to the Custodian to ensure that any applicable distribution requirements of Code Section 401(a) (9) and Article IV above are met. If the Depositor (or Beneficiary) does not direct the Custodian to make distributions from the Custodial Account by the time that such distributions are required to commence in accordance with such distribution requirements, the Custodian (and Service

Company) shall assume that the Depositor (or Beneficiary) is meeting any applicable minimum distribution requirements from another individual retirement arrangement maintained by the Depositor (or Beneficiary) and the Custodian and Service Company shall be fully protected in so doing. Depositor acknowledges that any distribution of a taxable amount from the Custodial Account (except for distribution on account of Depositor's disability or death, return of an "excess contribution" referred to in Code Section 4973, or a valid "rollover" from this Custodial Account) made earlier than age 59½ may subject Depositor to an "additional tax on early distributions" under Code Section 72(t) unless an exception to such additional tax is applicable. For that purpose, Depositor will be considered disabled if Depositor can prove, as provided in Code Section 72(m)(7).

- (b) Taxability of distributions. The Depositor acknowledges (i) that any withdrawal from the Custodial Account will be reported by the Custodian in accordance with applicable IRS requirements (currently, on Form 1099-R), (ii) that the information reported by the Custodian will be based on the amounts in the Custodial Account and will not reflect any other individual retirement accounts the Depositor may own and that, consequently, the tax treatment of the withdrawal may be different than if the Depositor had no other individual retirement accounts, and (iii) that, accordingly, it is the responsibility of the Depositor to maintain appropriate records so that the Depositor (or other person ordering the distribution) can correctly compute all taxes due. Neither the Custodian nor any other party providing services to the Custodial Account assumes any responsibility for the tax treatment of any distribution from the Custodial Account; such responsibility rests solely with the person ordering the distribution.

8.10 Distribution instructions. The Custodian assumes (and shall have) no responsibility to make any distribution except upon the written order of Depositor (or Beneficiary if Depositor is deceased) containing such information as the Custodian may reasonably request. Also, before making any distribution from or honoring any assignment of the Custodial Account, Custodian shall be furnished with any and all applications, certificates, tax waivers, signature guarantees, releases, indemnification agreements, and other documents (including proof of any legal representative's authority) deemed necessary or advisable by Custodian, but Custodian shall not be responsible for complying with any order or instruction which appears on its face to be genuine, or for refusing to comply if not satisfied it is genuine, and Custodian has no duty of further inquiry. Any distributions from the Custodial Account may be mailed, first-class postage prepaid, to the last known address of the person who is to receive such distribution, as shown on the Custodian's records, and such distribution shall to the extent thereof completely discharge the Custodian's liability for such payment.

8.11 Designated Beneficiary.

- (a) The term "Beneficiary" means the person or persons designated as such by the "designating person" (as defined below) on a form acceptable to the Custodian for use in connection with the Custodial Account, signed by the designating person, and filed with the Custodian. If, in the opinion of the Custodian or Service Company, any designation of beneficiary is unclear or incomplete, in addition to any documents or assurances the Custodian may request under Section 8.10, the Custodian or Service Company shall be entitled to request and receive such clarification or additional instructions as the Custodian in its discretion deems necessary to determine the correct Beneficiary(ies) following the Depositor's death. The form designating the Beneficiary(ies) may name individuals, trusts, estates, or other entities as either primary or contingent beneficiaries. However, if the designation does not effectively dispose of the entire Custodial Account as of the time distribution is to commence, the term "Beneficiary" shall then mean the designating person's estate, with respect to the assets of the Custodial Account not disposed of by the designation form. The form last accepted by the Custodian before such distribution is to commence, provided it was received by the Custodian (or deposited in the U.S. Mail or with a reputable delivery service) during the designating person's lifetime, shall be controlling and, whether or not fully dispositive of the Custodial

Account, thereupon shall revoke all such forms previously filed by that person. The term "designating person" means Depositor during his/her lifetime; only after Depositor's death, it also means Depositor's spouse if the spouse is a Beneficiary and elects to transfer assets from the Custodial Account to the spouse's own Custodial Account in accordance with applicable provisions of the Code. (Note: Married Depositors who reside in a community property or marital property state, may need to obtain spousal consent if they have not designated their spouse as the primary Beneficiary for at least half of their Custodial Account. Consult a lawyer or other tax professional for additional information and advice.)

- (b) Rights of Inheriting Beneficiary. Notwithstanding any provisions in this Agreement to the contrary, when and after the distribution from the Custodial Account to Depositor's Beneficiary commences, all rights and obligations assigned to Depositor hereunder shall inure to, and be enjoyed and exercised by, Beneficiary instead of Depositor.
- (c) Election by Spouse. If the Depositor's spouse is the sole Beneficiary on the Depositor's date of death, the spouse will not be treated as the Depositor if the spouse elects not to be so treated. In such event, the Custodial Account will be distributed in accordance with the other provisions of such Article IV, except that distributions to the Depositor's spouse are not required to commence until December 31 of the year in which the Depositor would have turned age 73.
- (d) Election by Successor Beneficiary/Separate Beneficiaries. In addition to the rights otherwise conferred upon Beneficiaries under this Agreement, all individual Beneficiaries may designate Successor Beneficiaries of their inherited Custodial Account. Any Successor Beneficiary designation by the Beneficiary must be made in accordance with the provisions of this Section 8.11. If a Beneficiary dies after the Participant but before receipt of the entire interest in the Custodial Account and has Successor Beneficiaries, the Successor Beneficiaries will succeed to the rights of the Beneficiary. If a Beneficiary dies after the Participant but before receipt of the entire interest in the Account and no Successor Beneficiary designation is in effect at the time of the Beneficiary's death, the Beneficiary will be the Beneficiary's estate. Upon instruction to the Custodian, each separate Beneficiary may receive his, her, or its interest as a separate account within the meaning of Treasury Regulation Section 1.401(a)(9)-8, Q&A-3, to the extent permissible by law. The trustee of a trust Beneficiary will exercise the rights of the trust Beneficiary, unless the trustee chooses to delegate the exercise of those rights to the Beneficiary to the extent permissible by law.
- (e) Despite any contrary provision of this Agreement, the Custodian may disregard the express terms of a Beneficiary designation under Section 8.11(a) and pay over the balance of the deceased Depositor's interest in his or her Custodial Account to a different person, trust, estate or other beneficiary, where the Custodian determines, in the reasonable and good faith exercise of its discretion, that an applicable state law, court decree or other ruling governing the disposition or appointment of property incident to a divorce or other circumstance affecting inheritance rights so requires and if the Custodian has knowledge of the facts that may invalidate the designation of such Beneficiary.
- (f) Eligible Designated Beneficiary. An eligible designated beneficiary is any designated beneficiary who is the surviving spouse, a child under the age of majority, disabled or chronically ill, or any other person who is not more than 10 years younger than the participant/IRA owner.

8.12 Tax reporting responsibilities.

- (a) The Depositor agrees to provide information to the Custodian at such time and in such manner as may be necessary for the Custodian to prepare any reports required under Section 408(i) or Section 408A(d)(3)(E) of the Code and the regulations thereunder or otherwise.
- (b) The Custodian or the Service Company will submit reports to the Internal Revenue Service and the Depositor at such time and manner and containing such information as is prescribed by the Internal Revenue Service.

(c) The Depositor, Custodian and Service Company shall furnish to each other such information relevant to the Custodial Account as may be required under the Code and any regulations issued or forms adopted by the Treasury Department thereunder or as may otherwise be necessary for the administration of the Custodial Account.

(d) The Depositor shall file any reports to the Internal Revenue Service which are required of him by law, and neither the Custodian nor Service Company shall have any duty to advise Depositor concerning or monitor Depositor's compliance with such requirement.

8.13 Amendments.

(a) Depositor retains the right to amend this Agreement in any respect at any time, effective on a stated date which shall be at least 60 days after giving written notice of the amendment (including its exact terms) to Custodian by registered or certified mail, unless Custodian waives notice as to such amendment. If the Custodian does not wish to continue serving as such under this Custodial Account document as so amended, it may resign in accordance with Section 8.17 below.

(b) Depositor delegates to the Custodian the Depositor's right so to amend, provided (i) the Custodian does not change the investments available under this Custodial Agreement, and (ii) the Custodian amends in the same manner all agreements comparable to this one, having the same Custodian, permitting comparable investments, and under which such power has been delegated to it; this includes the power to amend retroactively if necessary or appropriate in the opinion of the Custodian in order to conform this Custodial Account to pertinent provisions of the Code and other laws or successor provisions of law, or to obtain a governmental ruling that such requirements are met, to adopt a prototype or master form of agreement in substitution for this Agreement, or as otherwise may be advisable in the opinion of the Custodian. Such an amendment by the Custodian shall be communicated in writing to Depositor, and Depositor shall be deemed to have consented thereto unless, within 30 days after such communication to Depositor is mailed, Depositor either (i) gives Custodian a written order for a complete distribution or transfer of the Custodial Account, or (ii) removes the Custodian and appoints a successor under Section 8.17 below.

Pending the adoption of any amendment necessary or desirable to conform this Agreement to the requirements of any amendment to any applicable provision of the Code or regulations or rulings issued thereunder (including any amendment to Form 5305-A, the Custodian and the Service Company may operate the Custodial Account in accordance with such requirements to the extent that the Custodian and/or the Service Company deem necessary to preserve the tax benefits of the Account.

(c) Notwithstanding the provisions of subsections (a) and (b) above, no amendment shall increase the responsibilities or duties of Custodian without its prior written consent.

(d) This Section 8.13 shall not be construed to restrict the Custodian's right to substitute fee schedules in the manner provided by Section 8.16 below, and no such substitution shall be deemed to be an amendment of this Agreement.

8.14 Terminations

(a) This Agreement shall terminate and have no further force and effect upon a complete distribution of the Custodial Account to the Depositor (or his or her Beneficiaries) or to a successor custodian or trustee in accordance with the instructions provided to the Custodian by the Depositor. In addition, the Sponsor shall have the right to terminate this Agreement and instruct the Custodian to distribute the Custodial Account upon thirty (30) days notice to the Custodian and the Depositor (or Beneficiary if the Depositor is deceased). In the event of such termination by the Sponsor, the Custodian shall transfer the entire amount in the Custodial Account to a successor custodian or trustee as the Depositor (or Beneficiary) shall instruct or shall distribute the Custodial Account to the Depositor (or Beneficiary) if so directed. If, at the end of such thirty (30) day period, the Depositor (or Beneficiary) has not directed the Custodian to transfer or distribute the amount in the Custodial Account as described above then the Depositor (or Beneficiary,) will be deemed to have directed the Custodian to distribute any amount remaining in the Custodial Account

to (i) the Depositor (or Beneficiary, as his/her interests shall appear on file with the Custodian) or, (ii) if the Depositor is deceased with no Beneficiary on file with the Custodian, then to the Depositor's estate, subject to the Custodian's right to reserve funds as provided in Section 8.17(b). The Sponsor and the Custodian will be fully protected in making any and all such distributions pursuant to this Section 8.14(a). The Depositor (or Beneficiary) shall be fully responsible for any taxes due on such distribution.

(b) Sections 8.15(f), 8.17(b) and 8.17(c) hereof shall survive the termination of the Custodial Account and this Agreement. Upon termination of the Custodial Account and this Agreement, the Custodian shall be relieved from all further liability hereunder or with respect to the Custodial Account and all assets thereof so distributed.

8.15 Responsibilities of Custodian and service providers

(a) In its discretion, the Custodian may appoint one or more contractors or service providers to carry out any of its functions and may compensate them from the Custodial Account for expenses attendant to those functions. In the event of such appointment, all rights and privileges of the Custodian under this Agreement shall pass through to such contractors or service providers who shall be entitled to enforce them as if a named party.

(b) The Service Company shall be responsible for receiving all instructions, notices, forms and remittances from Depositor and for dealing with or forwarding the same to the transfer agent for the Fund(s).

(c) The parties do not intend to confer any fiduciary duties on Custodian or Service Company (or any other party providing services to the Custodial Account), and none shall be implied. Neither shall be liable (or assumes any responsibility) for the collection of contributions, the proper amount, time or tax treatment of any contribution to the Custodial Account or the propriety of any contributions under this Agreement, or the purpose, time, amount (including any minimum distribution amounts), tax treatment or propriety of any distribution hereunder, which matters are the sole responsibility of Depositor and Depositor's Beneficiary.

(d) Not later than 60 days after the close of each calendar year (or after the Custodian's resignation or removal), the Custodian or Service Company shall file with Depositor a written report or reports reflecting the transactions effected by it during such period and the assets of the Custodial Account at its close. Upon the expiration of 60 days after such a report is sent to Depositor (or Beneficiary), the Custodian or Service Company shall be forever released and discharged from all liability and accountability to anyone with respect to transactions shown in or reflected by such report except with respect to any such acts or transactions as to which Depositor shall have filed written objections with the Custodian or Service Company within such 60 day period.

(e) The Service Company shall deliver, or cause to be delivered by mail or electronically, to Depositor all notices, prospectuses, financial statements and other reports to shareholders, proxies and proxy soliciting materials relating to the shares of the Funds(s) credited to the Custodial Account. The Custodian shall vote any shares held in the Custodial Account in accordance with the timely written instructions of the Depositor if received. If no timely written voting instructions are received from the Depositor, the Depositor agrees that the Custodian may vote such unvoted shares as instructed by the Sponsor, which may include voting in the same proportion of shares of the Fund for which written voting instructions were timely received by the Fund (or its agent) from the Fund's other shareholders or in accordance with the recommendations of the Fund's board of directors in the relevant proxy soliciting materials. In the latter case, the Custodian shall have no responsibility to separately review or evaluate the Fund's board of directors' voting recommendations nor have any liability for following the Depositor's instruction to follow the Fund's board of directors' recommendation.

(f) Depositor shall always fully indemnify Service Company, Distributor, the Fund(s), Sponsor and Custodian and save them harmless from any and all liability whatsoever which may arise either (i) in connection with this Agreement and the matters which it contemplates, except that which arises directly out of the Service Company's, Distributor's,

Fund's, Sponsor's or Custodian's bad faith, gross negligence or willful misconduct, (ii) with respect to making or failing to make any distribution, other than for failure to make distribution in accordance with an order therefor which is in full compliance with Section 8.10, or (iii) actions taken or omitted in good faith by such parties. Neither Service Company nor Custodian shall be obligated or expected to commence or defend any legal action or proceeding in connection with this Agreement or such matters unless agreed upon by that party and Depositor, and unless fully indemnified for so doing to that party's satisfaction.

- (g) The Custodian and Service Company shall each be responsible solely for performance of those duties expressly assigned to it in this Agreement, and neither assumes any responsibility as to duties assigned to anyone else hereunder or by operation of law.
- (h) The Custodian and Service Company may each conclusively rely upon and shall be protected in acting upon any written order from Depositor or Beneficiary, or any investment adviser appointed under Section 8.08, or any other notice, request, consent, certificate or other instrument or paper believed by it to be genuine and to have been properly executed, and so long as it acts in good faith, in taking or omitting to take any other action in reliance thereon. In addition, Custodian will carry out the requirements of any apparently valid court order relating to the Custodial Account and will incur no liability or responsibility for so doing.

8.16 Fees and Expenses.

- (a) The Custodian, in consideration of its services under this Agreement, shall receive the fees specified on the applicable fee schedule. The fee schedule originally applicable shall be the one specified in the Adoption Agreement or Disclosure Statement, as applicable. The Custodian may substitute a different fee schedule at any time upon 30 days' written notice to Depositor. The Custodian shall also receive reasonable fees for any services not contemplated by any applicable fee schedule and either deemed by it to be necessary or desirable or requested by Depositor.
- (b) Any income, gift, estate and inheritance taxes and other taxes of any kind whatsoever, including transfer taxes incurred in connection with the investment or reinvestment of the assets of the Custodial Account, that may be levied or assessed in respect to such assets, and all other administrative expenses incurred by the Custodian in the performance of its duties (including fees for legal services rendered to it in connection with the Custodial Account) shall be charged to the Custodial Account. If the Custodian is required to pay any such amount, the Depositor (or Beneficiary) shall promptly upon notice thereof reimburse the Custodian.
- (c) All such fees and taxes and other administrative expenses charged to the Custodial Account shall be collected either from the amount of any contribution or distribution to or from the Custodial Account, or (at the option of the person entitled to collect such amounts) to the extent possible under the circumstances by the conversion into cash of sufficient shares of one or more Funds held in the Custodial Account (without liability for any loss incurred thereby). Notwithstanding the foregoing, the Custodian or Service Company may make demand upon the Depositor for payment of the amount of such fees, taxes and other administrative expenses. Fees which remain outstanding after 60 days may be subject to a collection charge.

8.17 Resignation or Replacement of Custodian.

- (a) Upon 30 days' prior written notice to the Custodian, Depositor or Sponsor, as the case may be, may remove it from its office hereunder. Such notice, to be effective, shall designate a successor custodian and shall be accompanied by the successor's written acceptance. The Custodian also may at any time resign upon 30 days' prior written notice to Sponsor, whereupon the Sponsor shall notify the Depositor (or Beneficiary) and shall appoint a successor to the Custodian. In connection with its removal or resignation hereunder, the Custodian may, but is not required to, designate a successor custodian by written notice to the Sponsor or Depositor (or Beneficiary) if neither the Sponsor nor Depositor (or Beneficiary) designate

a successor custodian, and the Sponsor or Depositor (or Beneficiary) will be deemed to have consented to such successor unless the Sponsor or Depositor (or Beneficiary) designates a different successor custodian and provides written notice thereof together with such a different successor's written acceptance by such date as the Custodian specifies in its original notice to the Sponsor or Depositor (or Beneficiary) (provided that the Sponsor or Depositor (or Beneficiary) will have a minimum of 30 days to designate a different successor).

- (b) The successor custodian shall be a bank, insured credit union, or other person satisfactory to the Secretary of the Treasury under Code Section 408(a)(2). Upon receipt by Custodian of written acceptance by its successor of such successor's appointment, Custodian shall transfer and pay over to such successor the assets of the Custodial Account and all records (or copies thereof) of Custodian pertaining thereto, provided that the successor custodian agrees not to dispose of any such records without the Custodian's consent. Custodian is authorized, however, to reserve such sum of money or property as it may deem advisable for payment of all its fees, compensation, costs, and expenses, or for payment of any other liabilities constituting a charge on or against the assets of the Custodial Account or on or against the Custodian, with any balance of such reserve remaining after the payment of all such items to be paid over to the successor custodian.
- (c) No custodian shall be liable for the acts or omissions of its predecessor or its successor.

8.18 Applicable Code. References herein to the "Code" and sections thereof shall mean the same as amended from time to time, including successors to such sections.

8.19 Delivery of notices. Except where otherwise specifically required in this Agreement, any notice from Custodian to any person provided for in this Agreement shall be effective when sent by first-class mail to such person at that person's last address on the Custodian's records.

8.20 Exclusive benefit. Depositor or Depositor's Beneficiary shall not have the right or power to anticipate any part of the Custodial Account to sell, assign, transfer, pledge or hypothecate any part thereof. The Custodial Account shall not be liable for the debts of Depositor or Depositor's Beneficiary or subject to any seizure, attachment, execution or other legal process in respect thereof except to the extent required by law. At no time shall it be possible for any part of the assets of the Custodial Account to be used for or diverted to purposes other than for the exclusive benefit of the Depositor or his/her Beneficiary except to the extent required by law.

8.21 Applicable law/Interpretation. When accepted by the Custodian, this Agreement is accepted in and shall be construed and administered in accordance with the laws of the state where the principal offices of the Custodian are located. Any action involving the Custodian brought by any other party must be brought in a state or federal court in such state.

This Agreement is intended to qualify under the Code as an Individual Retirement Account and entitle Depositor to the retirement savings deduction under section 219 if available. If any provision of this Agreement is subject to more than one interpretation or any term used herein is subject to more than one construction, such ambiguity shall be resolved in favor of that interpretation or construction which is consistent with the intent expressed in the preceding sentence.

However, the Custodian shall not be responsible for whether or not such intentions are achieved through use of this Agreement, and Depositor is referred to Depositor's attorney for any such assurances.

8.22 Professional advice. Depositor is advised to seek advice from Depositor's attorney regarding the legal consequences (including but not limited to federal and state tax matters) of entering into this Agreement, contributing to the Custodial Account, and ordering Custodian to make distributions from the Custodial Account. Depositor acknowledges that Custodian and Service Company (and any company associated therewith) are prohibited by law from rendering such advice.

- 8.23 Definition of written notice. If any provision of any document governing the Custodial Account provides for notice, instructions or other communications from one party to another in writing, to the extent provided for in the procedures of the Custodian, Service Company or another party, any such notice, instructions or other communications may be given by telephonic, computer, other electronic or other means, and the requirement for written notice will be deemed satisfied.
- 8.24 Governing documents- The Custodial agreement and the provisions of the Adoption Agreement are the legal documents governing the Custodial Account.
- 8.25 Conformity to IRS Requirements. This Agreement and the Adoption Agreement signed by the Depositor (as either may be amended) are the documents governing the Custodial Account. Articles I through VII of Part One of this Agreement are in the form promulgated by the Internal Revenue Service as Form 5305-A, as modified by subsequent guidance. It is anticipated that, if and when the Internal Revenue Service promulgates further changes to Form 5305-A, the Custodian will amend this Agreement correspondingly.
- 8.26 Conversion and recharacterization. If the Depositor maintains an Individual Retirement Account under Code Section 408(a), Depositor may convert or transfer such other IRA to a Roth IRA under Code Section 408A using the UMB, n.a. Roth IRA Adoption Agreement by completing and executing the Adoption Agreement and giving suitable directions to the Custodian and the custodian or trustee of such other IRA.
- 8.27 Representations by Depositor. The Depositor acknowledges that he or she has received and read the current prospectus for each Fund in which his or her Custodial Account is invested, and the Individual Retirement Account Disclosure Statement related to the Custodial Account. The Depositor represents under penalties of perjury that his or her Social Security number (or other Taxpayer Identification Number) as stated in the Adoption Agreement is correct.
- 8.28 Custodial Acceptance. If all required forms and information are properly submitted, UMB Bank, n.a. will accept appointment as Custodian of the Custodial Account. However, this Agreement (and the Adoption Agreement) is not binding upon the Custodian until the Depositor has received a statement confirming the initial transaction for the Custodial Account. Receipt by the Depositor of a confirmation of the purchase of the Fund shares indicated in the Depositor's Adoption Agreement will serve as notification of UMB Bank, n.a.'s acceptance of appointment as Custodian of the Custodial Account
- 8.29 Minor Depositor. If the Depositor is a minor under the laws of his or her state of residence, then a parent or guardian shall exercise all powers and duties of the Depositor, as indicated herein, and shall sign the Adoption Agreement on behalf of the minor. The Custodian's acceptance of the Custodial Account on behalf of any Depositor who is a minor is expressly conditioned upon the agreement of the parent or guardian to accept the responsibility to exercise all such powers and duties, and all parties hereto so acknowledge.
- upon attainment of the age of majority under the laws of the Depositor's state of residence at such time, the Depositor may advise the Custodian in writing (accompanied by such documentation as the Custodian may require) that he or she is assuming sole responsibility to exercise all rights, powers, obligations, responsibilities, authorities or requirements associated with the Custodial Account. Upon such notice to the Custodian, the Depositor shall have and shall be responsible for all of the foregoing, the Custodian will deal solely with the Depositor as the person controlling the administration of the Custodial Account, and the Depositor's parent or guardian thereafter shall not have or exercise any of the foregoing. (Absent such written notice from the Depositor, Custodian shall be under no obligation to acknowledge the Depositor's right to exercise such powers and authority and may continue to rely on the parent or guardian to exercise such powers and authority until notified to the contrary by the Depositor.)
- 8.30 Depositor's responsibilities. Depositor acknowledges that it is his/her sole responsibility to report all contributions to or withdrawals from

the Custodial Account correctly on his or her tax returns, and to keep necessary records of all the Depositor's IRAs (including any that may be held by another custodian or trustee) for tax purposes. All forms must be acceptable to the Custodian and dated and signed by the Depositor.

GENERAL INSTRUCTIONS

Section references are to the Internal Revenue Code unless otherwise noted.

PURPOSE OF FORM

Form 5305-A is a model custodial account agreement that meets the requirements of section 408(a). However, only Articles I through VII have been reviewed by the IRS. A Traditional individual retirement account (Traditional IRA) is established after the form is fully executed by both the individual (depositor) and the custodian. To make a regular contribution to a Traditional IRA for a year, the IRA must be established no later than the due date of the individual's income tax return for the tax year (excluding extensions). This account must be created in the United States for the exclusive benefit of the depositor and his or her beneficiaries.

Do not file Form 5305-A with the IRS. Instead, keep it with your records.

For more information on IRAs, including the required disclosures the custodian must give the depositor, see Pub. 590-A, Contributions to Individual Retirement Arrangements (IRAs), and Pub. 590-B, Distributions from Individual Retirement Arrangements (IRAs).

TRADITIONAL IRA FOR NONWORKING SPOUSE

Form 5305-A may be used to establish the IRA custodial account for a nonworking spouse.

Contributions to an IRA custodial account for a nonworking spouse must be made to a separate IRA custodial account established by the nonworking spouse.

SPECIFIC INSTRUCTIONS

Article IV – Distributions made under this article may be made in a single sum, periodic payment, or a combination of both. The distribution option should be reviewed in the year the depositor reaches age 70½ to ensure that the requirements of section 408(a)(6) have been met.

Article VIII – Article VIII and any that follow it may incorporate additional provisions that are agreed to by the depositor and custodian to complete the agreement. They may include, for example, definitions, investment powers, voting rights, exculpatory provisions, amendment and termination, removal of the custodian, custodian's fees, state law requirements, beginning date of distributions, accepting only cash, treatment of excess contributions, prohibited transactions with the depositor, etc. Attach additional pages if necessary.

DISCLOSURE STATEMENT

RIGHT TO REVOKE YOUR IRA

You have the right to revoke your IRA within seven days of the receipt of the disclosure statement. If revoked, you are entitled to a full return of the contribution you made to your IRA. The amount returned to you would not include an adjustment for such items as sales commissions, administrative expenses, or fluctuation in market value. You may make this revocation only by mailing or delivering a written notice to the custodian at the address listed on the application.

If you send your notice by first class mail, your revocation will be deemed mailed as of the postmark date.

If you have any questions about the procedure for revoking your IRA, please call the custodian at the telephone number listed on the application.

REQUIREMENTS OF AN IRA

A. Cash Contributions – Your contribution must be in cash, unless it is a rollover contribution.

B. Maximum Contribution – The total amount you may contribute to an IRA for any taxable year cannot exceed the lesser of 100 percent

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of your compensation or \$7,000 for 2024, with possible cost-of-living adjustments each year thereafter. If you also maintain a Roth IRA (i.e., an IRA subject to the limits of Internal Revenue Code Section (IRC Sec.) 408A), the maximum contribution to your Traditional IRAs is reduced by any contributions you make to your Roth IRAs. Your total annual contribution to all Traditional IRAs and Roth IRAs cannot exceed the lesser of the dollar amounts described above or 100 percent of your compensation.

- C. Contribution Eligibility** – You are eligible to make a regular contribution to your IRA for a tax year if you have compensation for the taxable year for which the contribution is made.
- D. Catch-Up Contributions** – If you are age 50 or older by the close of the taxable year, you may make an additional contribution to your IRA. The maximum additional contribution is \$1,000 per year. This amount is subject to possible cost-of-living adjustments each year beginning in tax year 2024.
- E. Nonforfeitable** – Your interest in your IRA is nonforfeitable.
- F. Eligible Custodians** – The custodian of your IRA must be a bank, savings and loan association, credit union, or a person or entity approved by the Secretary of the Treasury.
- G. Commingling Assets** – The assets of your IRA cannot be commingled with other property except in a common trust fund or common investment fund.
- H. Life Insurance** – No portion of your IRA may be invested in life insurance contracts.
- I. Collectibles** – You may not invest the assets of your IRA in collectibles (within the meaning of IRC Sec. 408(m)). A collectible is defined as any work of art, rug or antique, metal or gem, stamp or coin, alcoholic beverage, or other tangible personal property specified by the Internal Revenue Service (IRS). However, specially minted United States gold and silver coins, and certain state-issued coins are permissible investments. Platinum coins and certain gold, silver, platinum, or palladium bullion (as described in IRC Sec. 408(m)(3)) are also permitted as IRA investments.
- J. Required Minimum Distributions** – You are required to take minimum distributions from your IRA at certain times in accordance with Treasury Regulation 1.408-8. Below is a summary of the IRA distribution rules.
- RMD's for 2023 and beyond** – Beginning in 2023, if you were born in 1951 or later, you are required to take a minimum distribution from your IRA for the year in which you reach age 73 and for each year thereafter. You must take your first distribution by your required beginning date, which is April 1 of the year following the year you attain age 73. The minimum distribution for any taxable year is equal to the amount obtained by dividing the account balance at the end of the prior year by the applicable divisor.
 - RMD's Prior to 2023** – If you were born before July 1, 1949, you were required to take your first RMD from your IRA for the year in which you attained age 70½ and for each year thereafter. If you were born on or after July 1, 1949, but before January 1, 1951, you were required to take your first RMD from your IRA for the year in which you attained age 72, and each year thereafter.
 - The applicable divisor generally is determined using the Uniform Lifetime Table provided by the IRS. If your spouse is your sole designated beneficiary for the entire calendar year, and is more than 10 years younger than you, the required minimum distribution is determined each year using the actual joint life expectancy of you and your spouse obtained from the Joint Life Expectancy Table provided by the IRS, rather than the life expectancy divisor from the Uniform Lifetime Table.

We reserve the right to do any one of the following by your required beginning date.

- Make no distribution until you give us a proper withdrawal request
- Distribute your entire IRA to you in a single sum payment
- Determine your required minimum distribution each year based on your life expectancy calculated using the Uniform Lifetime Table, and pay those distributions to you until you direct otherwise

If you fail to remove an RMD, an excess accumulation penalty tax

of 25% is imposed on the amount of RMD that should have been taken but was not. If the failure to take an RMD is corrected in a timely manner, the penalty tax is further reduced to 10 percent. You must file IRS form 5329 along with your income tax return to report and remit any additional taxes to the IRS.

The Correction window for the reduced penalty begins on the date the penalty tax is imposed and ends (1) the date a notice of deficiency regarding the tax is mailed, (2) the date the tax is assessed, or (3) the last day of the second taxable year beginning after the year in which the tax is imposed, whichever is earlier.

- K. Beneficiary Distributions** – Upon your death, your beneficiaries are required to take distributions according to IRC Sec. 401(a)(9) and Treasury Regulation 1.408-8. These requirements are described below.

- 1. Death of IRA Owner Before January 1, 2020** – Your designated beneficiary is determined based on the beneficiaries designated as of the date of your death, who remain your beneficiaries as of September 30 of the year following the year of your death.

If you die on or after your required beginning date, distributions must be made to your beneficiaries over the longer of the single life expectancy of your designated beneficiaries, or your remaining life expectancy. If a beneficiary other than a person or qualified trust as defined in the Treasury Regulations is named, you will be treated as having no designated beneficiary of your IRA for purposes of determining the distribution period. If there is no designated beneficiary of your IRA, distributions will commence using your single life expectancy, reduced by one in each subsequent year.

If you die before your required beginning date, the entire amount remaining in your account will, at the election of your designated beneficiaries, either

- be distributed by December 31 of the year containing the fifth anniversary of your death, or
- be distributed over the remaining life expectancy of your designated beneficiaries.

If your spouse is your sole designated beneficiary, he or she must elect either option (a) or (b) by the earlier of December 31 of the year containing the fifth anniversary of your death, or December 31 of the year life expectancy payments would be required to begin. Your designated beneficiaries, other than a spouse who is the sole designated beneficiary, must elect either option (a) or (b) by December 31 of the year following the year of your death. If no election is made, distribution will be calculated in accordance with option (b). In the case of distributions under option (b), distributions must commence by December 31 of the year following the year of your death. Generally, if your spouse is the designated beneficiary, distributions need not commence until December 31 of the year you would have attained RMD age (as described in the Required Minimum Distribution section above), if later. If a beneficiary other than a person or qualified trust as defined in the Treasury Regulations is named, you will be treated as having no designated beneficiary of your IRA for purposes of determining the distribution period. If there is no designated beneficiary of your IRA, the entire IRA must be distributed by December 31 of the year containing the fifth anniversary of your death.

- 2. Death of IRA Owner On or After January 1, 2020** – The entire amount remaining in your account will generally be distributed by December 31 of the year containing the tenth anniversary of your death unless you have an eligible designated beneficiary or you have no designated beneficiary for purposes of determining a distribution period. This requirement applies to beneficiaries regardless of whether you die before, on, or after your required beginning date.

If your beneficiary is an eligible designated beneficiary, the entire amount remaining in your account may be distributed (in accordance with the Treasury Regulations) over the remaining life expectancy of your eligible designated beneficiary (or over a period not extending beyond the life expectancy of such beneficiary).

An eligible designated beneficiary is any designated beneficiary who is

- your surviving spouse,
- your child who has not reached the age of majority,
- disabled (A physician must determine that your impairment can be expected to result in death or to be of long, continued, and indefinite duration.),
- an individual who is not more than 10 years younger than you, or
- chronically ill (A chronically ill individual is someone who (1) is unable to perform (without substantial assistance from another individual) at least two activities of daily living for an indefinite period due to a loss of functional capacity, (2) has a level of disability similar to the level of disability described above requiring assistance with daily living based on loss of functional capacity, or (3) requires substantial supervision to protect the individual from threats to health and safety due to severe cognitive impairment.)

Note that certain trust beneficiaries (e.g., certain trusts for disabled and chronically ill individuals) may take distribution of the entire amount remaining in your account over the remaining life expectancy of the trust beneficiary.

Generally, life expectancy distributions to an eligible designated beneficiary must commence by December 31 of the year following the year of your death. However, if your spouse is the eligible designated beneficiary, distributions need not commence until December 31 of the year you would have attained RMD age (as described above in the Required Minimum Distributions section above), if later. If your eligible designated beneficiary is your minor child, life expectancy payments must begin by December 31 of the year following the year of your death and continue until the child reaches the age of majority. Once the age of majority is reached, the beneficiary will have 10 years to deplete the account.

If a beneficiary other than a person (e.g., your estate, a charity, or a certain type of trust) is named, you will be treated as having no designated beneficiary of your IRA for purposes of determining the distribution period. If you die before your required beginning date and there is no designated beneficiary of your IRA, the entire IRA must be distributed by December 31 of the year containing the fifth anniversary of your death. If you die on or after your required beginning date and there is no designated beneficiary of your IRA, distributions will commence using your single life expectancy, reduced by one in each subsequent year.

A spouse who is the sole designated beneficiary of your entire IRA will be deemed to elect to treat your IRA as his or her own by either (1) making contributions to your IRA or (2) failing to timely remove a required minimum distribution from your IRA. Regardless of whether or not the spouse is the sole designated beneficiary of your IRA, a spouse beneficiary may roll over his or her share of the assets to his or her own IRA.

If we so choose, for any reason (e.g., due to limitations of our charter or bylaws), we may require that a beneficiary of a deceased IRA owner take total distribution of all IRA assets by December 31 of the year following the year of death.

If your beneficiary fails to remove a required minimum distribution after your death, an excess accumulation penalty tax of 25 percent is imposed on the amount of the required minimum distribution that should have been taken but was not. If the failure to take an annual RMD is corrected in a timely manner, the penalty tax is further reduced to 10 percent. Your beneficiary must file IRS Form 5329 along with his or her income tax return to report and remit any additional taxes to the IRS.

The Correction window for the reduced penalty begins on the date the penalty tax is imposed and ends (1) the date a notice of deficiency regarding the tax is mailed, (2) the date the tax is assessed, or (3) the last day of the second taxable year beginning after the year in which the tax is imposed.

L. Qualifying Longevity Annuity Contracts and RMDs – A qualifying longevity annuity contract (QLAC) is a deferred annuity contract that,

among other requirements, must guarantee lifetime income starting no later than age 85.

When calculating your RMD, you may reduce the prior year end account value by the value of QLACs that your IRA holds as investments.

For more information on QLACs, you may wish to refer to the IRS website at www.irs.gov.

M. Waiver of 2020 RMD – RMDs and life expectancy payments for beneficiaries were waived for calendar year 2020. If the five-year rule applies to an IRA with respect to any decedent, the five-year period is determined without regard to calendar year 2020 because of this waiver. For example, if an IRA owner died in 2019, the beneficiary's five-year period ends in 2025 instead of 2024.

INCOME TAX CONSEQUENCES OF ESTABLISHING AN IRA

A. IRA Deductibility – If you are eligible to contribute to your IRA, the amount of the contribution for which you may take a tax deduction will depend upon whether you (or, in some cases, your spouse) are an active participant in an employer-sponsored retirement plan. If you (and your spouse, if married) are not an active participant, your entire IRA contribution will be deductible. If you are an active participant (or are married to an active participant), the deductibility of your IRA contribution will depend on your modified adjusted gross income (MAGI) and your tax filing status for the tax year for which the contribution was made. MAGI is determined on your income tax return using your adjusted gross income but disregarding any deductible IRA contribution and certain other deductions and exclusions.

Definition of Active Participant. Generally, you will be an active participant if you are covered by one or more of the following employer-sponsored retirement plans.

1. Qualified pension, profit sharing, 401(k), or stock bonus plan
2. Qualified annuity plan of an employer
3. Simplified employee pension (SEP) plan
4. Retirement plan established by the federal government, a state, or a political subdivision (except certain unfunded deferred compensation plans under IRC Sec. 457)
5. Tax-sheltered annuity for employees of certain tax-exempt organizations or public schools
6. Plan meeting the requirements of IRC Sec. 501(c)(18)
7. Savings incentive match plan for employees of small employers (SIMPLE) IRA plan or a SIMPLE 401(k) plan

If you do not know whether your employer maintains one of these plans or whether you are an active participant in a plan, check with your employer or your tax advisor. Also, the IRS Form W-2, Wage and Tax Statement, that you receive at the end of the year from your employer will indicate whether you are an active participant.

If you are an active participant, are single, and have MAGI within the applicable phase-out range listed below, the deductible amount of your contribution is determined as follows. (1) Begin with the appropriate phase-out range maximum for the applicable year (specified below) and subtract your MAGI; (2) divide this total by the difference between the phase-out maximum and minimum; and (3) multiply this number by the maximum allowable contribution for the applicable year, including catch-up contributions if you are age 50 or older. The resulting figure will be the maximum IRA deduction you may take. For example, if you are age 30 with MAGI of \$78,000 in 2024, your maximum deductible contribution is \$6,300 (the 2024 phase-out range maximum of \$87,000 minus your MAGI of \$81,400, divided by the difference between the maximum and minimum phase-out range limits of \$10,000, and multiplied by the contribution limit of \$7,000).

If you are an active participant, are married to an active participant and you file a joint income tax return and have MAGI within the applicable phase-out range listed below, the deductible amount of your contribution is determined as follows. (1) Begin with the

appropriate phase-out maximum for the applicable year (specified below) and subtract your MAGI; (2) divide this total by the difference between the phase-out range maximum and minimum; and (3) multiply this number by the maximum allowable contribution for the applicable year, including catch-up contributions if you are age 50 or older. The resulting figure will be the maximum IRA deduction you may take. For example, if you are age 30 with MAGI of \$126,000 in 2024, your maximum deductible contribution is \$5,950 (the 2024 phase-out maximum of \$143,000 minus your MAGI of \$126,000, divided by the difference between the maximum and minimum phase-out limits of \$20,000, and multiplied by the contribution limit of \$7,000).

If you are an active participant, are married and you file a separate income tax return, your MAGI phase-out range is generally \$0–\$10,000. However, if you lived apart for the entire tax year, you are treated as a single filer.

Tax Year	Joint Filers Phase-Out Range*		Single Taxpayers Phase-Out Range*	
	(minimum)	(maximum)	(minimum)	(maximum)
2020	\$104,000	–124,000	\$65,000	–75,000
2021	\$105,000	–125,000	\$66,000	–76,000
2022	\$109,000	–129,000	\$68,000	–78,000
2023	\$116,000	–136,000	\$73,000	–83,000
2024	\$123,000	–143,000	\$77,000	–87,000

*MAGI limits are subject to cost-of-living adjustments each year.

The MAGI phase-out range for an individual that is not an active participant, but is married to an active participant, is \$230,000–\$240,000 (for 2024). This limit is also subject to cost-of-living increases for tax years after 2024. If you are not an active participant in an employer-sponsored retirement plan, are married to someone who is an active participant, and you file a joint income tax return with MAGI between the applicable phase-out range for the year, your maximum deductible contribution is determined as follows. (1) Begin with the appropriate MAGI phase-out maximum for the year and subtract your MAGI; (2) divide this total by the difference between the phase-out range maximum and minimum; and (3) multiply this number by the maximum allowable contribution for the applicable year, including catch-up contributions if you are age 50 or older. The resulting figure will be the maximum IRA deduction you may take.

You must round the resulting deduction to the next highest \$10 if the number is not a multiple of 10. If your resulting deduction is between \$0 and \$200, you may round up to \$200.

B. Contribution Deadline – The deadline for making an IRA contribution is your tax return due date (not including extensions). You may designate a contribution as a contribution for the preceding taxable year in a manner acceptable to us. For example, if you are a calendar-year taxpayer and you make your IRA contribution on or before your tax filing deadline, your contribution is considered to have been made for the previous tax year if you designate it as such.

If you are a member of the Armed Forces serving in a combat zone, hazardous duty area, or contingency operation, you may have an extended contribution deadline of 180 days after the last day served in the area. In addition, your contribution deadline for a particular tax year is also extended by the number of days that remained to file that year’s tax return as of the date you entered the combat zone. This additional extension to make your IRA contribution cannot exceed the number of days between January 1 and your tax filing deadline, not including extensions.

C. Tax Credit for Contributions – You may be eligible to receive a tax credit for your Traditional IRA contributions. This credit will be allowed in addition to any tax deduction that may apply, and may not exceed \$1,000 in a given year. You may be eligible for this tax credit if you are

- age 18 or older as of the close of the taxable year,
- not a dependent of another taxpayer, and
- not a full-time student.

The credit is based upon your income (see chart below) and will range from 0 to 50 percent of eligible contributions. In order to determine the amount of your contributions, add all of the contributions made to your Traditional IRA and reduce these contributions by any distributions that you have taken during the testing period. The testing period begins two years prior to the year for which the credit is sought and ends on the tax return due date (including extensions) for the year for which the credit is sought. In order to determine your tax credit, multiply the applicable percentage from the chart below by the amount of your contributions that do not exceed \$2,000.

2024 Adjusted Gross Income*						Applicable Percentages
Joint Return		Head of Household		All Other Cases		
Over	Not Over	Over	Not Over	Over	Not Over	
	\$46,000		\$34,500		\$23,000	50
\$46,000	\$50,000	\$34,500	\$37,500	\$23,000	\$25,000	20
\$50,000	\$76,500	\$37,500	\$57,375	\$25,000	\$38,250	10
\$76,500		\$57,375		\$38,250		0

* Adjusted gross income (AGI) includes foreign earned income and income from Guam, America Samoa, North Mariana Islands, and Puerto Rico. AGI limits are subject to cost-of-living adjustments each year.

D. Excess Contributions – An excess contribution is any amount that is contributed to your IRA that exceeds the amount that you are eligible to contribute. If the excess is not corrected timely, an additional penalty tax of six percent will be imposed upon the excess amount. The procedure for correcting an excess is determined by the timeliness of the correction as identified below.

- 1. Removal Before Your Tax Filing Deadline.** An excess contribution may be corrected by withdrawing the excess amount, along with the earnings attributable to the excess, before your tax filing deadline, including extensions, for the year for which the excess contribution was made. An excess withdrawn under this method is not taxable to you, but you must include the earnings attributable to the excess in your taxable income in the year in which the contribution was made. The six percent excess contribution penalty tax will be avoided.
- 2. Removal After Your Tax Filing Deadline.** If you are correcting an excess contribution after your tax filing deadline, including extensions, remove only the amount of the excess contribution. The six percent excess contribution penalty tax will be imposed on the excess contribution for each year it remains in the IRA. An excess withdrawal under this method will only be taxable to you if the total contributions made in the year of the excess exceed the annual applicable contribution limit.
- 3. Carry Forward to a Subsequent Year.** If you do not withdraw the excess contribution, you may carry forward the contribution for a subsequent tax year. To do so, you under-contribute for that tax year and carry the excess contribution amount forward to that year on your tax return. The six percent excess contribution penalty tax will be imposed on the excess amount for each year that it remains as an excess contribution at the end of the year.

You must file IRS Form 5329 along with your income tax return to report and remit any additional taxes to the IRS.

- E. Tax-Deferred Earnings** – The investment earnings of your IRA are not subject to federal income tax until distributions are made (or, in certain instances, when distributions are deemed to be made).
- F. Nondeductible Contributions** – You may make nondeductible contributions to your IRA to the extent that deductible contributions are not allowed. The sum of your deductible and nondeductible IRA contributions cannot exceed your contribution limit (the lesser of the allowable

contribution limit described previously, or 100 percent of compensation). You may elect to treat deductible IRA contributions as nondeductible contributions.

If you make nondeductible contributions for a particular tax year, you must report the amount of the nondeductible contribution along with your income tax return using IRS Form 8606. Failure to file IRS Form 8606 will result in a \$50 per failure penalty.

If you overstate the amount of designated nondeductible contributions for any taxable year, you are subject to a \$100 penalty unless reasonable cause for the overstatement can be shown.

G. Taxation of Distributions – The taxation of IRA distributions depends on whether or not you have ever made nondeductible IRA contributions. If you have only made deductible contributions, all IRA distribution amounts will be included in income.

If you have ever made nondeductible contributions to any IRA, the following formula must be used to determine the amount of any IRA distribution excluded from income.

$$\frac{\begin{array}{l} \text{(Aggregate Nondeductible Contributions)} \\ \times \text{ (Amount Withdrawn)} \end{array}}{\text{Aggregate IRA Balance}} = \text{Amount Excluded from Income}$$

NOTE: Aggregate nondeductible contributions include all nondeductible contributions made by you through the end of the year of the distribution that have not previously been withdrawn and excluded from income. Also note that the aggregate IRA balance includes the total balance of all of your Traditional and SIMPLE IRAs as of the end of the year of distribution and any distributions occurring during the year.

H. Income Tax Withholding – Ten percent federal income tax withholding will be applied to a withdrawal from your IRA unless you choose to withhold a different amount or elect not to have withholding apply.

I. Early Distribution Penalty Tax – If you receive an IRA distribution before you attain age 59½, an additional early distribution penalty tax of 10 percent will apply to the taxable amount of the distribution unless one of the following exceptions apply. **1) Death.** After your death, payments made to your beneficiary are not subject to the 10 percent early distribution penalty tax. **2) Disability.** If you are disabled at the time of distribution, you are not subject to the additional 10 percent early distribution penalty tax. In order to be disabled, a physician must determine that your impairment can be expected to result in death or to be of long, continued, and indefinite duration. **3) Substantially equal periodic payments.** You are not subject to the additional 10 percent early distribution penalty tax if you are taking a series of substantially equal periodic payments (at least annual payments) over your life expectancy or the joint life expectancy of you and your beneficiary. You must continue these payments for the longer of five years or until you reach age 59½. **4) Unreimbursed medical expenses.** If you take payments to pay for unreimbursed medical expenses that exceed a specified percentage of your adjusted gross income, you will not be subject to the 10 percent early distribution penalty tax. For further detailed information and effective dates you may obtain IRS Publication 590-B, Distributions from Individual Retirement Arrangements (IRAs), from the IRS. The medical expenses may be for you, your spouse, or any dependent listed on your tax return. **5) Health insurance premiums.** If you are unemployed and have received unemployment compensation for 12 consecutive weeks under a federal or state program, you may take payments from your IRA to pay for health insurance premiums without incurring the 10 percent early distribution penalty tax. **6) Higher education expenses.** Payments taken for certain qualified higher education expenses for you, your spouse, or the children or grandchildren of you or your spouse, will not be subject to the 10 percent early distribution penalty tax. **7) First-time homebuyer.** You may take payments from your IRA to use toward qualified acquisition costs of buying or building a principal residence. The amount you may take for this reason may not exceed a lifetime maximum of \$10,000. The payment must be used for qualified acquisition costs within 120 days of receiving the distribution. **8) IRS levy.** Payments from your IRA made to the U.S. government in response to a federal tax levy are not subject to the 10 percent early distribution penalty tax. **9) Qualified reservist distributions.** If you

are a qualified reservist member called to active duty for more than 179 days or an indefinite period, the payments you take from your IRA during the active duty period are not subject to the 10 percent early distribution penalty tax. **10) Qualified birth or adoption.** Payments from your IRA for the birth of your child or the adoption of an eligible adoptee will not be subject to the 10 percent early distribution penalty tax if the distribution is taken during the one-year period beginning on the date of birth of your child or the date on which your legal adoption of an eligible adoptee is finalized. An eligible adoptee means any individual (other than your spouse's child) who has not attained age 18 or is physically or mentally incapable of self-support. The aggregate amount you may take for this reason may not exceed \$5,000 for each birth or adoption.

11) Terminal illness. Payments from your IRA made because you are terminally ill are not subject to the 10 percent early distribution penalty tax. You are terminally ill if you have been certified by a physician, in accordance with documentation requirements to be established by the IRS, as having an illness or physical condition that can reasonably be expected to result in death in 84 months or less after the date of certification. **12) Qualified Disaster Recovery Distribution.** If you are an affected IRA owner in a federally declared disaster area, you may take up to \$22,000 per disaster from your IRA without incurring the 10 percent early distribution penalty tax. **13) Domestic Abuse.** Beginning in 2024, if you are a victim of domestic abuse, you may withdraw up to \$10,000 (subject to possible cost-of-living adjustments each year beginning in 2025) or 50% of your IRA balance, whichever is less, within one year of the abuse without incurring the 10 percent early distribution penalty tax. **14) Emergency Personal Expenses.** Beginning in 2024, you may take one withdrawal in a calendar year as an emergency personal expense distribution for the purposes of meeting unforeseeable or immediate financial needs relating to necessary personal or family emergency expenses, without incurring the 10 percent early distribution penalty tax. The amount that may be treated as an emergency personal expense distribution in any calendar year is \$1,000 or the total balance in your IRA over \$1,000, determined as of the date of each such distribution, whichever is less. No further emergency personal expense distributions are allowed during the immediately following three calendar years unless repayment occurs, or you have made an IRA contribution after the previous distribution in an amount at least equal to the previous distribution that has not been repaid.

You must file IRS Form 5329 along with your income tax return to the IRS to report and remit any additional taxes or to claim a penalty tax exception.

J. Rollovers and Conversions – Your IRA may be rolled over to another IRA, SIMPLE IRA, or an eligible employer-sponsored retirement plan of yours, may receive rollover contributions, or may be converted to a Roth IRA, provided that all of the applicable rollover and conversion rules are followed. Rollover is a term used to describe a movement of cash or other property to your IRA from another IRA, or from your employer's qualified retirement plan, 403(a) annuity, 403(b) tax-sheltered annuity, 457(b) eligible governmental deferred compensation plan, or federal Thrift Savings Plan. The amount rolled over is not subject to taxation or the additional 10 percent early distribution penalty tax. Conversion is a term used to describe the movement of Traditional IRA assets to a Roth IRA. A conversion generally is a taxable event. The general rollover and conversion rules are summarized below. These transactions are often complex. If you have any questions regarding a rollover or conversion, please see a competent tax advisor.

1. Traditional IRA-to-Traditional IRA Rollovers. Assets distributed from your Traditional IRA may be rolled over to the same Traditional IRA or another Traditional IRA of yours if the requirements of IRC Sec. 408(d)(3) are met. A proper IRA-to-IRA rollover is completed if all or part of the distribution is rolled over not later than 60 days after the distribution is received. In the case of a distribution for a first-time homebuyer where there was a delay or cancellation of the purchase, the 60-day rollover period may be extended to 120 days.

You are permitted to roll over only one distribution from an IRA (Traditional, Roth, or SIMPLE) in a 12-month period, regardless of the number of IRAs you own. A distribution may be rolled over to the same IRA or to another IRA that is eligible to receive the rollover. For more information on rollover limitations, you may wish to obtain

IRS Publication 590-B, Distributions from Individual Retirement Arrangements (IRAs), from the IRS or refer to the IRS website at www.irs.gov.

- 2. SIMPLE IRA-to-Traditional IRA Rollovers.** Assets distributed from your SIMPLE IRA may be rolled over to your Traditional IRA without IRS penalty tax provided two years have passed since you first participated in a SIMPLE IRA plan sponsored by your employer. As with Traditional IRA-to-Traditional IRA rollovers, the requirements of IRC Sec. 408(d)(3) must be met. A proper SIMPLE IRA-to-IRA rollover is completed if all or part of the distribution is rolled over not later than 60 days after the distribution is received.

You are permitted to roll over only one distribution from an IRA (Traditional, Roth, or SIMPLE) in a 12-month period, regardless of the number of IRAs you own. A distribution may be rolled over to the same IRA or to another IRA that is eligible to receive the rollover. For more information on rollover limitations, you may wish to obtain IRS Publication 590-B, Distributions from Individual Retirement Arrangements (IRAs), from the IRS or refer to the IRS website at www.irs.gov.

- 3. Employer-Sponsored Retirement Plan-to-Traditional IRA Rollovers.** You may roll over, directly or indirectly, any eligible rollover distribution from an eligible employer-sponsored retirement plan. An eligible rollover distribution is defined generally as any distribution from a qualified retirement plan, 403(a) annuity, 403(b) tax-sheltered annuity, 457(b) eligible governmental deferred compensation plan, or federal Thrift Savings Plan unless it is a required minimum distribution, hardship distribution, part of a certain series of substantially equal periodic payments, corrective distributions of excess contributions, excess deferrals, excess annual additions and any income allocable to the excess, deemed loan distribution, dividends on employer securities, the cost of life insurance coverage, or a distribution of Roth elective deferrals from a 401(k), 403(b), governmental 457(b), or federal Thrift Savings Plan.

If you elect to receive your rollover distribution prior to placing it in an IRA, thereby conducting an indirect rollover, your plan administrator generally will be required to withhold 20 percent of your distribution as a payment of income taxes. When completing the rollover, you may make up out of pocket the amount withheld and roll over the full amount distributed from your employer-sponsored retirement plan. To qualify as a rollover, your eligible rollover distribution generally must be rolled over to your IRA not later than 60 days after you receive the distribution. In the case of a plan loan offset due to plan termination or severance from employment, the deadline for completing the rollover is your tax return due date (including extensions) for the year in which the offset occurs. Alternatively, you may claim the withheld amount as income, and pay the applicable income tax, and if you are under age 59½, the 10 percent early distribution penalty tax (unless an exception to the penalty applies).

As an alternative to the indirect rollover, your employer generally must give you the option to directly roll over your employer-sponsored retirement plan balance to an IRA. If you elect the direct rollover option, your eligible rollover distribution will be paid directly to the IRA (or other eligible employer-sponsored retirement plan) that you designate. The 20 percent withholding requirements do not apply to direct rollovers.

- 4. Beneficiary Rollovers From Employer-Sponsored Retirement Plans.** If you are a spouse or non-spouse beneficiary of a deceased employer-sponsored retirement plan participant, or the trustee of an eligible type of trust named as beneficiary of such participant, you may directly roll over inherited assets from a qualified retirement plan, 403(a) annuity, 403(b) tax-sheltered annuity, or 457(b) eligible governmental deferred compensation plan to an inherited IRA, as permitted by the IRS. The IRA must be maintained as an inherited IRA, subject to the beneficiary distribution requirements.
- 5. Traditional IRA-to-SIMPLE IRA Rollovers.** Assets distributed from your Traditional IRA may be rolled over to a SIMPLE IRA if the requirements of IRC Sec. 408(d)(3) are met and two years have passed since you first participated in a SIMPLE IRA plan spon-

sored by your employer. A proper Traditional IRA-to-SIMPLE IRA rollover is completed if all or part of the distribution is rolled over not later than 60 days after the distribution is received. In the case of a distribution for a first-time homebuyer where there was a delay or cancellation of the purchase, the 60-day rollover period may be extended to 120 days.

You are permitted to roll over only one distribution from an IRA (Traditional, Roth, or SIMPLE) in a 12-month period, regardless of the number of IRAs you own. A distribution may be rolled over to the same IRA or to another IRA that is eligible to receive the rollover. For more information on rollover limitations, you may obtain IRS Publication 590-B, Distributions from Individual Retirement Arrangements (IRAs), from the IRS or refer to the IRS website at www.irs.gov.

- 6. Traditional IRA-to-Employer-Sponsored Retirement Plan Rollovers.** You may roll over, directly or indirectly, any taxable eligible rollover distribution from an IRA to your qualified retirement plan, 403(a) annuity, 403(b) tax-sheltered annuity, or 457(b) eligible governmental deferred compensation plan as long as the employer-sponsored retirement plan accepts such rollover contributions.
- 7. Traditional IRA-to-Roth IRA Conversions.** If you convert to a Roth IRA, the amount of the conversion from your Traditional IRA to your Roth IRA will be treated as a distribution for income tax purposes and is includible in your gross income (except for any nondeductible contributions). Although the conversion amount generally is included in income, the 10 percent early distribution penalty tax will not apply to conversions from a Traditional IRA to a Roth IRA, regardless of whether you qualify for any exceptions to the 10 percent penalty tax. If you are required to take a required minimum distribution for the year, you must remove your required minimum distribution before converting your Traditional IRA.
- 8. Qualified HSA Funding Distribution.** If you are eligible to contribute to a health savings account (HSA), you may be eligible to take a one-time tax-free qualified HSA funding distribution from your IRA and directly deposit it to your HSA. The amount of the qualified HSA funding distribution may not exceed the maximum HSA contribution limit in effect for the type of high deductible health plan coverage (i.e., single or family coverage) that you have at the time of the deposit and counts toward your HSA contribution limit for that year. For further detailed information, you may wish to obtain IRS Publication 969, Health Savings Accounts and Other Tax-Favored Health Plans.
- 9. Rollover of IRS Levy.** If you receive a refund of eligible retirement plan assets that had been wrongfully levied, you may roll over the amount returned up until your tax return due date (not including extensions) for the year in which the money was returned.
- 10. Written Election.** At the time you make a rollover to an IRA, you must designate in writing to the custodian your election to treat that contribution as a rollover. Once made, the rollover election is irrevocable.

K. Repayments of Certain Distributions.

- 1. Qualified Birth or Adoption Distributions.** If you have taken a qualified birth or adoption distribution, you may generally pay all or a portion of the aggregate amount of such distribution to an IRA at any time during the three-year period beginning on the day after the date on which such distributions was received. In the case of a qualified birth or adoption distribution made on or before December 29, 2022, the deadline to repay the distribution is December 31, 2025.
- 2. Terminal Illness Distributions.** If you have taken a terminal illness distribution, you may generally pay all or a portion of the aggregate amount of such distribution to an IRA at any time during the three-year period beginning on the day after the date on which such distributions was received.
- 3. Domestic Abuse Distributions.** Beginning in 2024, If you have taken a distribution because you are a victim of domestic abuse, you may generally pay all or a portion of the aggregate amount of such distribution to an IRA at any time during the three-year period

beginning on the day after the date on which such distributions was received.

4. Emergency Personal Expense Distributions. Beginning in 2024, if you had taken an emergency expense distribution, the distribution may be repaid within a three-year period. No further emergency personal expense distributions are allowed during the immediately following three calendar years unless repayment occurs, or you have made IRA contributions after the previous distribution that has not been repaid.

5. Qualified Disaster Recovery Distributions. If you have taken a qualified disaster recovery distribution, the distribution may be recontributed to an IRA at any time during the three-year period beginning on the day after the date on which such distribution was received.

For further information, you may wish to obtain IRS publication 590-A, contributions to individual retirement arrangements (IRA's), or refer to the IRS website at www.irs.gov.

L. Transfer Due to Divorce – If all or any part of your IRA is awarded to your spouse or former spouse in a divorce or legal separation proceeding, the amount so awarded will be treated as the spouse's IRA (and may be transferred pursuant to a court-approved divorce decree or written legal separation agreement to another IRA of your spouse), and will not be considered a taxable distribution to you. A transfer is a tax-free direct movement of cash and/or property from one Traditional IRA to another.

M. Recharacterizations – If you make a contribution to a Traditional IRA and later recharacterize either all or a portion of the original contribution to a Roth IRA along with net income attributable, you may elect to treat the original contribution as having been made to the Roth IRA. The same methodology applies when recharacterizing a contribution from a Roth IRA to a Traditional IRA. The deadline for completing a recharacterization is your tax filing deadline (including any extensions) for the year for which the original contribution was made. You may not recharacterize a Roth IRA conversion.

N. Fees and Expenses

Custodian's fees

The following is a list of the fees charged by the custodian for maintaining a traditional IRA.

Annual maintenance fee per mutual fund	\$10.00
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General fee policies

- Fees may be paid by you directly, or the custodian may deduct them from your traditional IRA.
- Fees may be changed upon 30 day-written notice to you.
- The full annual maintenance fee will be charged for any calendar year during which you have a traditional IRA with us. This fee is not prorated for periods of less than one full year.
- If provided for in this Disclosure Statement or the Adoption Agreement, termination fees are charged when your account is closed whether the funds are distributed to you or transferred to a successor custodian or trustee.
- The Custodian may charge you for its reasonable expenses for services not covered by its fee schedule.

Other charges

There may be sales or other charges associated with the purchase or redemption of shares of a fund in which your traditional IRA is invested. Before investing, be sure to review the current prospectus of any fund you are considering as an investment for your traditional IRA for a description of applicable charges.

O. Tax matters

What IRA reports does the custodian issue?

The custodian will report all withdrawals to the IRS and the recipient using Form 1099-R. For reporting purposes, a direct transfer of assets to a successor custodian or trustee is not considered a withdrawal

(except for such a transfer that effects a conversion of a traditional IRA to a Roth IRA, or a recharacterization of a Roth IRA contribution back to a traditional IRA).

The custodian will report to the IRS the year-end value of your account and the amount of any rollover (including conversions of a traditional IRA to a Roth IRA) or a regular annual contribution made during a calendar year, as well as the tax year for which a contribution is made. Unless the custodian receives an indication from you to the contrary, it will treat any amount as a contribution for the tax year in which it is received. It is most important that a contribution between January and April 15 for the prior year be clearly designated as such.

What tax information must I report to the IRS?

You must file Form 5329 with the IRS for each taxable year for which you made an excess contribution or you take a premature withdrawal that is subject to the 10% penalty tax, or you withdraw less than the minimum amount required from your traditional IRA. If your beneficiary fails to make required withdrawals from your traditional IRA, your beneficiary may be subject to an excise tax and may be required to file form 5329.

For traditional IRAs, you must also report each nondeductible contribution to the IRS by designating it a nondeductible contribution on your tax return using Form 8606. In addition, for any year in which you make a nondeductible contribution or take a withdrawal, you must include additional information on your tax return. The information required includes the:

- Amount of your non-deductible contributions for that year
- Amount of withdrawals from traditional IRAs in that year
- Amount by which your total non-deductible contributions for all the years exceed the total amount of your distributions previously excluded from gross income
- Total value of all your traditional IRAs as of the end of the year

If you fail to report any of this information, the IRS will assume that all your contributions were deductible. This will result in the taxation of the portion of your withdrawals that should be treated as a non-taxable return of your nondeductible contributions.

P. Account Termination

You may terminate your traditional IRA at any time after its establishment by sending a completed withdrawal form (or other withdrawal instructions in a form acceptable to the custodian), or a transfer authorization form, to:

UMB BANK, N.A.

Thornburg

PO Box 219017

Kansas City, MO 64121

Your traditional IRA with UMB Bank, n.a. will terminate upon the first to occur of the following:

- The date your properly executed withdrawal form or instructions (as described above) withdrawing your total traditional IRA balance is received and accepted by the custodian or, if later, the termination date specified in the withdrawal form.
- The date the traditional IRA ceases to qualify under the tax code. This will be deemed a termination.
- The transfer of the traditional IRA to another custodian/trustee.

Any outstanding fees must be received prior to such a termination of your account.

The amount you receive from your IRA upon termination of the account will be treated as a withdrawal, and thus the rules relating to traditional IRA withdrawals will apply. For example, if the IRA is terminated before you reach age 59 ½, the 10% early withdrawal penalty may apply to the taxable amount you receive.

Q. Additional Information

For additional information you may write to the following address or call the following telephone number.

Thornburg Investment Management

UMB BANK, N.A.
Thornburg
PO Box 219017
Kansas City, MO 64121
800.847.0200

LIMITATIONS AND RESTRICTIONS

A. SEP Plans – Under a simplified employee pension (SEP) plan that meets the requirements of IRC Sec. 408(k), your employer may make contributions to your IRA. Your employer is required to provide you with information that describes the terms of your employer's SEP plan.

B. Spousal IRA – You may contribute to an IRA established for the benefit of your spouse regardless of your spouse's age. If you are married and have compensation for the taxable year for which the contribution is made. You must file a joint income tax return for the year for which the contribution is made.

The amount you may contribute to your IRA and your Spouse's IRA is the lesser of 100 percent of your eligible compensation or \$14,000 for 2024. This amount may be increased with cost-of-living adjustments each year. However, you may not contribute more than the individual contribution limit to each IRA.

If your spouse is age 50 or older by the close of the taxable year, and is otherwise eligible, you make an additional contribution to your spouse's IRA. The maximum additional contribution is \$1,000 per year. This amount is subject to possible cost-of-living adjustments each year beginning in 2024.

C. Deduction of Rollovers and Transfers – A deduction is not allowed for rollover or transfer contributions.

D. Gift Tax – Transfers of your IRA assets to a beneficiary made during your life and at your request may be subject to federal gift tax under IRC Sec. 2501.

E. Special Tax Treatment – Capital gains treatment and 10-year income averaging authorized by IRC Sec. 402 do not apply to IRA distributions.

F. Prohibited Transactions – If you or your beneficiary engage in a prohibited transaction with your IRA, as described in IRC Sec. 4975, your IRA will lose its tax-deferred status, and you must include the value of your account in your gross income for that taxable year. The following transactions are examples of prohibited transactions with your IRA. (1) Taking a loan from your IRA (2) Buying property for personal use (present or future) with IRA assets (3) Receiving certain bonuses or premiums because of your IRA.

G. Pledging – If you pledge any portion of your IRA as collateral for a loan, the amount so pledged will be treated as a distribution and will be included in your gross income for that year.

OTHER

A. IRS Plan Approval – Articles I through VII of the agreement used to establish this IRA have been approved by the IRS. The IRS approval is a determination only as to form. It is not an endorsement of the plan in operation or of the investments offered.

B. Additional Information – For further information on IRAs, you may wish to obtain IRS Publication 590-A, Contributions to Individual Retirement Arrangements (IRAs), or Publication 590-B, Distributions from Individual Retirement Arrangements (IRAs), by calling 800-TAX-FORM, or by visiting www.irs.gov on the Internet.

C. Important Information About Procedures for Opening a New Account – To help the government fight the funding of terrorism and money laundering activities, federal law requires all financial organizations to obtain, verify, and record information that identifies each person who opens an account. Therefore, when you open an IRA, you are required to provide your name, residential address, date of birth, and identification number. We may require other information that will allow us to identify you.

D. Qualified Reservist Distributions – If you are an eligible qualified reservist who has taken penalty-free qualified reservist distributions

from your IRA or retirement plan, you may recontribute those amounts to an IRA generally within a two-year period from your date of return.

E. Qualified Charitable Distributions – If you are age 70½ or older, you may be eligible to take tax-free IRA distributions of up to \$105,000 per year and have these distributions paid directly to certain charitable organizations. This amount is subject to possible cost-of-living adjustments each year beginning in tax year 2024. A qualified charitable distribution also includes a one-time charitable distribution up to \$50,000 to a split interest entity (i.e., charitable gift annuity, charitable remainder trust and charitable remainder annuity trust). Special tax rules may apply. For further detailed information you may obtain IRS Publication 590-B, Distributions from Individual Retirement Arrangements (IRAs), from the IRS or refer to the IRS website at www.irs.gov.

F. Disaster Related Relief – If you qualify (for example, you sustained an economic loss due to, or are otherwise considered affected by, a certain federally declared disaster in a specified disaster area), you may be eligible for favorable tax treatment on distributions, rollovers, and other transactions involving your IRA. Qualified disaster relief includes an automatic 60-day extension to perform certain acts and may include penalty-tax free early distributions made during specified timeframes for each disaster, the ability to include distributions in your gross income ratably over multiple years, the ability to roll over distributions to an eligible retirement plan without regard to the 60-day rollover rule, and more.

Qualified Disaster Recovery Distribution. If your principal residence is located in a qualified disaster area and you have sustained an economic loss by reason of such disaster, you may receive up to \$22,000 per disaster in aggregate distributions from your retirement plan and IRA's as qualified disaster recovery distributions. A qualified disaster is any major disaster declared by the President under section 401 of the Robert T Stafford Relief and Emergency Assistance Act after January 26, 2021. These distributions are not subject to the 10 percent early distribution penalty tax. In addition, unless you elect otherwise, any amount required to be included in your gross income for such taxable year shall be included ratably over a three-taxable year period, beginning with the taxable year of the distribution. Qualified disaster recovery distributions may be repaid at any time generally within a three-year period beginning on the day after the date the distribution was received.

Repayments of Withdrawals for Home Purchase. If you received a qualified first-time homebuyer distribution to purchase or construct a principal residence in the qualified disaster area, but which was not used on account of the qualified disaster, you are able to repay the distribution within 180 days of the applicable date of such disaster. The distribution must have been made during the period (1) beginning 180 days before the first day of the FEMA declared incident period, and (2) ending 30 days after the last day of the FEMA declared incident period.

For additional information on specific disasters, including a complete listing of disaster areas, qualification requirements for relief, and allowable disaster-related IRA transactions, you may wish to obtain IRS Publication 590-B, Distributions from Individual Retirement Arrangements (IRAs), from the IRS or refer to the IRS website at www.irs.gov.

G. Coronavirus-Related Distributions (CRDs) – If you qualified in 2020, you were able to withdrawal up to \$100,000 in aggregate from your IRA's and eligible retirement plans as a CRD, without paying the 10 percent early distribution penalty tax. You were a qualified individual if you (or your spouse or dependent) was diagnosed with the COVID-19 disease or the SARS-CoV-2 virus in an approved test; or if you have experienced adverse financial consequences as a result of being quarantined, being furloughed or laid off or having work hours reduced due to such virus or disease, being unable to work due to lack of child care due to such virus or disease, closing or reduced hours of a business owned or operated by you due to such virus or disease, or other factors as determined by the IRS. A CRD must have been made on or after January 1, 2020, and before December 31, 2020.

CRDs will be taxed ratably over a three-year period, unless you elected otherwise, and may be repaid over three years beginning with the day following the day a CRD is made. Repayments may be made to an eligible retirement plan or IRA.

An eligible retirement plan is defined as a qualified retirement plan, 403(a) annuity, 403(b) tax-sheltered annuity, 457(b) eligible governmental deferred compensation plan, or an IRA.



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Santa Fe, New Mexico 87506

800.847.0200

www.thornburg.com

email: info@thornburg.com

Investment Advisor

Thornburg Investment Management, Inc.
2300 North Ridgetop Road
Santa Fe, New Mexico 87506

Distributor

Thornburg Securities LLC
2300 North Ridgetop Road
Santa Fe, New Mexico 87506

Auditor

Pricewaterhouse Coopers LLP
1177 Avenue of the Americas
New York, New York 10036

Custodian

UMB Financial Corporation
1010 Grand Boulevard
Kansas City, Missouri 64106

Transfer Agent

SS&C GIDS, Inc.
Post Office Box 219017
Kansas City, Missouri 64121-9017