New Account Agreement Instructions

For your account to be opened promptly and accurately, please provide the information requested on the form as outlined in the instructions below.

Step 1. Account Registration (check one)

Additional documentation may be required to open certain account types. Use the supplemental form to identify all participants and their respective roles in the account. Contact your investment professional for more information.

Steps 2-3. Institutional/Non-Institutional Account and USA Patriot Act Information

These sections MUST be completed in order to establish the account.

Steps 4-5. Account Holder Information and Secondary Account Holder Information

The legal address MUST be a street address. A post office box is not acceptable for a legal address. A legal address is the account holder's permanent residence address or, in the case of an entity, the place where it maintains a physical presence. For those accounts opened for nonresident aliens and foreign entities, the legal address must be the same as the permanent residence address listed on IRS Form W-8BEN, W-8BENE or W-8IMY. You must provide annual income and net worth in the same manner. For instance, if the account is a joint account, and you are providing a combined annual income, you must also provide a combined net worth.

NOTE: 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. 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. We may also ask you to provide a copy of your driver's license or other identifying documents. The information you provide in this form may be used to perform a credit check and verify your identity by using internal sources and third-party vendors. If additional space is needed, attach a separate sheet.

Step 6. Interested Parties

If you would like to add an interested party to your account, provide the interested party's contact information in this section. Indicate if you would like the interested party to receive copies of your statements, confirmations, and proxies.

Step 7. Cash Management

Check the appropriate box to tell us how your proceeds should be handled. If you elect to sweep proceeds, enter the product name or acronym to designate your sweep instruction.

Step 8. Objective and Investment Details

Use this section to provide details about your account objectives and investments. Account investment objectives are defined as follows:

Income - An investment approach by which an investor generally seeks current income over time.

Long-Term Growth - An investment approach by which an investor generally seeks capital appreciation through buying and holding securities over an extended period of time.

Short-Term Growth – An investment approach by which an investor generally seeks short-term capital gains through buying and selling securities over a short period of time.

Step 9. Tax Lot Disposition Methods

First In, First Out (the tax lot(s) with the earliest trade date(s) will be disposed, sold, transferred or exchanged first based on the order of their acquisition).

Last In, First Out (the tax lot(s) with the latest trade date(s) will be disposed, sold, transferred or exchanged first based on the order of their acquisition).

Average Cost Using First In, First Out (this option is available ONLY for mutual fund shares and covered stocks in Pershing's dividend reinvestment plans, and it reflects the average cost per share, considering all tax lots of a security, even those no longer held by the investor. Upon disposition of mutual fund shares, the average cost per share is used to calculate gain or loss and although the calculation of gain or loss is based on an average cost, the tax lots are disposed of on a FIFO basis).

High Cost (the tax lot(s) with the highest unit cost are disposed of first, whether the tax lot(s) are short-term or long-term for capital gain tax purposes).

High Cost Long-Term (the tax lot(s) that have the highest unit cost, and produce a long-term capital gain or loss, are disposed of first — If no long-term shares are identified, or if an inadequate number of long-term shares are identified, then the short-term shares with the highest unit cost will be disposed of).

High Cost Short-Term (the tax lot(s) that have the highest unit cost, and produce a short-term capital gain or loss, are disposed of first — If no short-term shares are identified, or if an inadequate number of short-term shares are identified, then the long-term shares with the highest unit cost will be disposed of).

Low Cost (the tax lots with the lowest unit cost are disposed of first, whether the tax lots are short-term or long-term for capital gain tax purposes).

Low Cost Long-Term (the tax lots with the lowest unit cost, and produce a long-term gain or loss, are disposed of first — If no long-term shares are identified, or if an inadequate number of long-term shares are identified, then the short-term shares with the lowest unit cost will be disposed of).

Low Cost Short-Term (the tax lot(s) with the lowest unit cost, and produce a short-term capital gain or loss, are disposed of first — If no short-term shares are identified, or if an inadequate number of short-term shares are identified, then the long-term shares with the lowest unit cost will be disposed of).

Minimize Short Term Gains (take losses first and gains last. The tax lots are disposed in the following order: Short term lots sold at a loss, from highest cost to lowest cost; long term lots sold at a loss, from highest cost to lowest cost; short term lots sold at no gain or loss; long term lots sold at no gain or loss; long term loss sold at a gain, from highest to lowest cost; short term lots sold at a gain, from highest cost to lowest cost).

Please consult a tax advisor before selecting a tax lot disposition method. Pershing LLC may not provide tax advice, and accordingly, you are solely responsible for the tax effect of any selected method (or your use of your introducing brokerage firm's default method), and change from or to a new method, for federal, state, local and foreign tax purposes. Please contact your introducing brokerage firm to change a selection. Pershing LLC reserves the right to introduce new tax lot disposition methods at any time or to make any change in the offered tax lot disposition methods that is required by applicable law or regulations, without prior notice.

Pershing's application of the tax lot disposition methods to all account trades and transactions shall control in all instances.

NOTE: Data provided by outside vendors may not be the actual data that is reported to the IRS, Pershing LLC will be reporting the data that is maintained at Pershing LLC.

New Account Agreement Instructions

Step 10. Bond Elections

Bonds contain provisions that allow investors to elect to amortize the premium or accrete the discount when calculating and reporting cost basis for federal income tax purposes.

Step 11. Additional Information

Use this section to provide additional information about your account.

Step 12. Standing/Periodic Instructions

Check the appropriate boxes to tell us how your income and periodic principal distributions should be handled.

Step 13. U.S. Taxpayer Number Certification

U.S. persons must sign the U.S. taxpayer certification built into the New Account Form. If the account is a JOINT account, you must provide the Social Security Number or the Taxpayer Identification Number of the individual whose name appears first. For custodial accounts, use the Social Security Number of the minor. If you are a nonresident alien or foreign entity, you should not sign the taxpayer certification included in this form, and instead submit an IRS Form W-8BEN, W-8IMY or other appropriate W8 series forms with this application. Nonresident alien joint accounts require IRS Form W-8BEN for each account holder. The account holder's country of permanent residence is the country where the account holder claims to be a resident for purposes of that country's income tax. If a reduced rate of withholding is being claimed under an income tax treaty, residency must be determined in the manner required by the treaty. If the account holder does not have a tax residence in any country, the permanent residence is where the account holder normally resides (or maintains an office for accounts not owned by individuals). The primary account owner whose Social Security Number or Taxpayer Identification Number is used should sign the Taxpayer Certification on page 12.

Step 14. Signatures

Sign and date the form. The primary and secondary owners of a joint account must sign the form on page 12. Additional owners must sign the additional participant form. For a custodial account, only the custodian needs to sign.

Participant Information Supplement

Use one of the codes below to designate the participant role for the additional participant on an account.

GRNT-Grantor ADMN-Administrator AGNT-Agent GRDN-Guardian **BENF-Beneficiary IPTY-Interested Party BORW-Borrower** IMGR-Investment Manager CONS-Conservator LHLD-Lien Holder CUST-Custodian LPAR-Limited Partner **DECD-Deceased** MNGR-Manager **DPTR-Depositor** MMBR-Member DRTR-Director MINR-Minor **EXEC-Executor** OFCR-Officer GPMM-General Partner/Managing Member PTNR-Partner

PREP-Personal Representative PLAD-Plan Administrator PATN-Power of Attorney PRM-Primary Account Holder RIND-Responsible Individual SEC-Secondary Account Holder STLR-Settlor SHLR-Shareholder

SUSO-Substantial Owner

SPSR-Sponsor TSTE-Trustee

For Broker-Dealer Use Only

Provide investment professional and principal approvals.

Account Category Codes (for office use only)

BKCL-Bank Collateral Account BOLI-Bank Owned Life Insurance BTRS-Bank Owned Life Insurance Trust

CLUB-Investment Club

COD-Receive/Deliver Versus Payment COLI-Corporate Owned Life Insurance

CONS-Conservatorship **CORN-Noncorporate Account**

CORP-Corporation

CPPS-Corporate Pension or Profit Sharing Plan CTRS-Corporate Owned Life Insurance Trust

CUST-Custodian

DLJC-Pershing LLC SIMPLE Individual Retirement Account (IRA)

DLJI-Pershing LLC IRA

DLJP-Pershing LLC SARSEP and Prototype SEP DLJQ-Pershing LLC Qualified Retirement Plan

(QRP)

DLJS-Pershing LLC SEP IRA

ESTT-Estate

EXMP-Exempt Organization FINL-Financial Organization GOVT-Government Entity/Agency

GRDN-Guardian

IACP-Investment Advisor/Corporation

IACU-Investment Advisor/Custodian IAES-Investment Advisor/Estate IAGU-Investment Advisor/Guardian

IAGV-Investment Advisor/ Government Agency

IAIN-Investment Advisor/Individual IAJT-Investment Advisor/Joint

IANP-Investment Advisor/Nonprofit Organization

IAPA-Investment Advisor/Partnership IAPP-Investment Advisor/Corporate Pension/ **Profit Sharing**

IAPW-Investment Advisor/Power of Attorney IART-Investment Advisor/Retirement Account IASP-Investment Advisor/Sole Proprietor IATI-Investment Advisor/Transfer on Death

Individual

IATJ-Investment Advisor/Transfer on Death Joint

IATR-Investment Advisor/Trust

INDV-Individual

INVA-Investment Advisor/Managed Account

JNTN-Joint

LLCP-Limited Liability Corporation

LPAR-Limited Partnership

NPLC-Nonpurpose Loan Corporate NPLI-Nonpurpose Loan Individual NPLJ-Nonpurpose Loan Joint

NPLP-Nonpurpose Loan Partnership

NPLT-Nonpurpose Loan Trust NPRO-Nonprofit Organization

N401-Prototype Individual 401(k)

N457-Nongualified Deferred Compensation Plan

N529-State Sponsored Higher Education Plan

PART-Partnership PRME-Prime Broker PWRA-Power of Attorney

RETC-Third Party as Custodian SIMPLE IRA RETE-Third Party as Custodian ERISA Account RETG-Third Party as Custodian IRA Guardian

RETH-Third Party as Custodian 403(b)(7)

RETI-Third Party as Custodian IRA

RETN-Third Party as Custodian Roth IRA Guardian RETP-Third Party as Custodian Prototype SEP

RETQ-Third Party as Custodian QRP RETR-Third Party as Custodian Roth IRA

RETS-Third Party as Custodian SARSEP and SEP **RETV-Third Party as Custodian Education Savings**

SOLE-Sole Proprietorship

TODI-Transfer on Death Individual TODJ-Transfer on Death Joint

TRST-Trust

OFFICE USE ONLY	Account Number		IP Number
STEP 1. ACCOUNT F	REGISTRATION		
☐ Retirement (Skip t☐ Retail (Select a type	to Step 2) ADDITION ADDI		BE REQUIRED TO OPEN THESE ACCOUNT TYPES. IENT PROFESSIONAL FOR MORE INFORMATION.
TYPE OF ACCOUNT	ADDITIONAL DESIGNATION	TYPE OF ACCOUNT	ADDITIONAL DESIGNATION
Individual		Trust	Establishment Date:
Corporation	☐ C Corp ☐ S Corp		Trust Type: Charitable Revocable Living Irrevocable
Corporate Pension/ Profit Sharing	Plan Name: Trustees:		☐ Irrevocable Living ☐ Testamentary ☐ Family ☐ Trustees:
	Beneficiaries:		Beneficiaries:
Custodial	UGMA (Uniform Gift to Minors Act) UTMA (Uniform Transfer to Minors Act)		Can the trustees act independently?
	Complete Custodial Accounts Section.	529 Plan	
Estate	Person or Entity Appointed to Act on Behalf of the Account:	Bank Collateral	
	☐ Administrator ☐ Personal Representative	Conservatorship	
	Special Administrator Temporary Administrator	Coverdell Education Savings Account	
	Executor Executrix	Exempt Organization	
	Number Appointed to Account:	Financial Organization	
☐ Joint Tenant	Complete Joint Accounts Section.	Government Entity/ Agency	
Limited Liability Company	☐ C Corp ☐ S Corp	Guardianship	
	Partnership	☐ Investment Club	
	Disregarded Entity* (name of owner):	IRA or Retirement Third Party Custodian	
Power of Attorney	Power of Attorney Agent's Name:	Noncorporate	
Individual Single Member LLC		Nonprofit Organization	
Sole Propietorship		Nonpurpose Loan	
Transfer on Death:	Agreement Execution Date:	Partnership Other	Please Specify:
Transfer on Death:	Complete Joint Accounts Section. Agreement Execution Date:		



 $^{^{\}star}$ If the owner is a U.S. person, complete Step 4 using the owner's information. If the owner is a non-U.S. person, the appropriate IRS form W-8 must be provided from the non-U.S. owner.

Are the account holders married to	each other?	Tenancy State	Number of	Tenants	
☐ Yes ☐ No					
Tenancy Clause		1 11 D: 1 16	🗆 =	6	
Community Property Tenants by Entirety		perty with Rights of Surviv ith Rights of Survivorship	orship lenants i	n Common (LA Residents only)	
		В		(=:::::::::::::::::::::::::::::::::::::	
or Custodial Accounts (
State in Which Gift was Given	Date Gift Was Given				
Age Designated to Terminate	Minor's Date of Birth				
Manner in Which Gift was Given					
Created by gift Tru	ust 🗌 Exercise b	oy appointment 🗌 Tran	sfer by fiduciary or ob	oligor 🗌 Will	
STEP 2. INSTITUTION	AL/NON-INSTI	TUTIONAL ACCOUNT			
nstitutional Account, as			45		
	•	ance company or registere	•		
	ers Act of 1940 or v	th the Securities and Excha with a state securities com			
Other Entity (whether a least \$50 million	natural person, cor	poration, partnership, trus	t, or otherwise) with	total assets of at	
None of the Above					
nstitutional Account Sui f None of the Above was se			not required		
Waived for all recommer	•		·		
Accepted for all recomm	nendations				
	he recommendatio	ns involving the following a	asset classes:		
☐ Equities ☐ Option	—	ne 🗌 Mutual Funds 🗌	Unit Investment Tr	usts	
Exchanged Traded Fu					
Determined at the time of	of each recommend	dation			
Fan Buelon Daalan U. 1	Oml.:				
For Broker-Dealer Use (if the selection above represents a represents that the institutional cli decisions made in connection with	full or partial waiver of the full or partial waiver of the full o	he servicing broker/dealer's suitab f exercising independent judgmen	ility obligation, the servicing t with respect to security ar	g broker/dealer d investment strategy	
STEP 3. USA PATRIOT	ACT INFORMA	TION			
A/h-4 i- 4h- 1-1-1	ffinada fan Hetere			financial	
What is the initial source of nstitution, please indicate t			g assets from another	financial	
	Accumulated	Savings Alimony	Gift		
Accounts Receivable	Accumulated				
Accounts Receivable Income From Earnings	Inheritance	Insurance F		estment Proceeds	
Accounts Receivable Income From Earnings Legal Settlement	Inheritance Lottery/Gamir	ng Pension/IR	A/Retirement Saving	S	
Accounts Receivable Income From Earnings	Inheritance	ng Pension/IR	A/Retirement Saving		

					CDECIAL NOTE FOR NON U.C.
Disclosures Required Under the	USA PATRIOT A	СТ			SPECIAL NOTE FOR NON-U.S. ACCOUNTS: WITH RESPECT
Is this account for a Foreign Financia of a U.S. bank; broker-dealer; futures mutual fund; money transmitter or c	merchant; commo	dities introducing bro		Yes No	TO ASSETS CUSTODIED BY PERSHING ON YOUR BEHALF, YOU ACKNOWLEDGE THAT INCOME AND CAPITAL GAINS
Is this account a private banking acc	ount as defined und	ler the USA PATRIO	Γ Act?	☐ Yes ☐ No	OR DISTRIBUTIONS TO YOU
Is this an account for a Foreign Bank	as defined under th	e USA PATRIOT Act	?	Yes No	FROM THIS ACCOUNT MAY BE TAXABLE IN YOUR HOME
• If yes, is the bank a Central Bank?				Yes No	JURISDICTION AND/OR YOUR JURISDICTION OF TAX
• If yes, is this a Foreign Bank opera	ting under an Offsho	ore Banking License?	•	Yes No	RESIDENCE IF DIFFERENT FROM YOUR HOME JURISDICTION.
 If yes, is this a Foreign Bank opera Country or Territory? 	ting under a banking	g license issued by a	Non-Cooperative	☐ Yes ☐ No	YOU ACKNOWLEDGE TO YOUR FINANCIAL ORGANIZATION AN
 If yes, is this a Foreign Bank operasubject to Section 311 measures? 	ting under a banking	g license issued by a	jurisdiction	☐ Yes ☐ No	TO PERSHING THAT YOU HAVE TAKEN YOUR OWN TAX ADVIC IN THIS REGARD.
If the answer to any of the three questions about 10% or more of the Bank (if its shares are	ove is yes, how many peop not publicly traded?	ole or entities			IF NUMBER IS GREATER THAN ZERO, A FOREIGN
Are you, or anyone with an interest imilitary, governmental, or political omember of such an official?				Yes No	BANK BENEFICIAL OWNERSHIP FORM MUST ACCOMPANY THIS REQUEST.
If yes, identify the name of the official, office he	eld and country				7
STEP 4. PRIMARY ACCOUNT	HOI DED INEOD	MATION			
SIEP 4. PRIMART ACCOONT	HOLDER INFOR	MATION			
Name					IF DISREGARDED
C i - I C i (CCNI)					ENTITY, ENTER INFORMATION FOR
Social Security (SSN)	Persor		oloyee Identification Nu	mber (Eliv)	THE U.S. OWNER.
Email	Date of I	Birth		Specified Adult Yes No	"SPECIFIED ADULT" SHALL MEAN: (A) A
Home Phone	Business Phone		Mobile Phone	163 110	AGE 65 AND OLDER;
Legal Address (no P.O. box)					OR (B) A NATURAL PERSON AGE 18 AND
Legal Address (110 F.O. DOX)					OLDER WHO THE MEMBER REASONABLY
City		State/Province	Zip/Postal Cod	e	BELIEVES HAS A
Country					MENTAL OR PHYSICAL IMPAIRMENT THAT
					RENDERS THE INDIVIDUAL UNABLE
Mailing Address (if different from legal addre	ss)				TO PROTECT HIS OR HER OWN INTERESTS.
City		State/Province	Zip/Postal Cod	e	IF YOU WISH TO ADD
Country					A TRUSTED CONTACT, PLEASE COMPLETE THE TRUSTED CONTACT
Primary Citizenship(s)		Additional Citizenship	(s)		FORM.
U.S. Resident Alien Yes No	Country of Birth				A COPY OF THE ID IS REQUIRED FOR EACH NON-U.S.
Gondor	arital Status				PERSON AND FOR U.S. CITIZENS LIVING
Gender M ☐ Male ☐ Female	Status Single Marrie	ed Divorced	Domestic Parti	ner Widowed	ABROAD. PROOF OF
	g			dowed	ADDRESS MAY ALSO BE REQUIRED.
Dependents					7
Number of Dependents					

	mployed F	Retired Une	employed	omemaker	Student
Occupation			Years Employed	Type of Busi	ness
mployer Name			1		
mployer's Address					
City			State/Province	Zip/Postal (Code
Country					
eneral Investment Kn Limited Moderat nowledge and Experie	e Extensiv	ve None			
NVESTMENT	INVESTMENT I				INVESTMENT EXPERIENCE
Equities	Limited	Moderate	Extensive	None	Since Year:
Options	Limited	Moderate	Extensive	None	Since Year:
ixed Income	Limited	Moderate	Extensive	None	Since Year:
Mutual Funds	Limited	Moderate	Extensive	None	Since Year:
Jnit Investment Trusts	Limited	Moderate	Extensive	None	Since Year:
Exchange Traded Funds	Limited	Moderate	Extensive	None	Since Year:
Real Estate	Limited	Moderate	Extensive	None	Since Year:
nsurance	Limited	☐ Moderate	Extensive	None	Since Year:
Variable Annuities	Limited	☐ Moderate	Extensive	None	Since Year:
Fixed Annuities	Limited	Moderate	Extensive	None	Since Year:
Precious Metals	Limited	☐ Moderate	☐ Extensive	None	Since Year:
Commodities, Futures	Limited	☐ Moderate	☐ Extensive	None	Since Year:
Other:	Limited	☐ Moderate	Extensive	☐ None	Since Year:
nancial Information lentify Verification Me Compliance Data Cent Regulatory Data Corpo	er Inc. Report (Review (INF O Vendor (O	
Annual Income rom \$			To \$		
			To \$		
let Worth (excluding home)					

GOVER	RNMENT PHOTO ID #1		GOVERN	MENT	PHOTO ID #	2		GOVERNMENT ISSUE UNEXPIRED PHOTO
Type of Unexpired Photo ID		Туре о	Unexpired Photo ID					IDENTIFICATION SHOULD BE PROVIDE
ID Number		ID Nur	nber					FOR ALL INDIVIDUAL THAT WERE NOT
Country of Issue		Countr	y of Issue					VERIFIED USING NON-DOCUMENTAR' METHODS, AND
State/Province/Subdivision	of ID	State/	State/Province/Subdivision of ID					FOR NON-RESIDENT ALIENS, ALONG WIT
Date of Issue	Date of Expiration	Date o	flssue	D	ate of Expirati	on		AN IRS FORM W-8BE
ID Verification Comments								
Corporate/Business	s Information							
Corporate/Business ID Nun	nber	Forma	ion Date of Corporatio	n/Busi	ness			IF APPLICABLE.
State/Province of Incorporation			y of Incorporation					
Broker-Dealer Affili	ations							
Are you an employee o	of this broker-dealer?					Yes	☐ No	
Are you related to an ϵ	employee at this broker-deale	er?				Yes	☐ No	
Employee Name			Relationship					
Are you an employee	of another broker-dealer?					Yes	☐ No	
Broker-Dealer Name								
Are you related to an e	employee at another broker-o	dealer?				Yes	☐ No	
Broker-Dealer Name		Employ	ee Name		Relationship			
Are you maintaining a	ny other brokerage accounts	?				Yes	☐ No	
With what firm(s) are you n	naintaining other brokerage accounts	?	Years of Investment Experience					
	er of your immediate family a change or the Financial Indus			3		Yes	☐ No	
Employer authorization is re	equired. What is the affiliation?							
Are you a senior office	er, director, or 10% or more sl	nareholder of	a public compan	y?		Yes	☐ No	
Company Name(s)								

Social Security (SSN)	Person	Entity	Employee Ide	entification Nu	ımber (EIN)	
Email	Date of Bi				Specified A	
Home Phone	Business Phone		— Mobile	Phone	Yes	∐ No
Legal Address (no P.O. box)						
City		State/Province	Z	Zip/Postal Cod	le	
Country						
Mailing Address (if different from legal addre	ss)					
City		State/Province	Z	Zip/Postal Coc	le	-
Country						
Primary Citizenship(s)		Additional Citizens	ship(s)			
U.S. Resident Alien Yes No	Country of Birth					
Male Female	arital Status Single Married	d Divorced	I 🗌 Dor	nestic Part	ner 🗌 V	Vidowe
Dependents Number of Dependents						
Humber of Dependents						
Employment and Industry Affilia Employed Self-Employed		employed 🗌 l	Homemak	er 🗌 Stı	udent	
Occupation		Years Employed	Туре о	f Business		

State/Province

Zip/Postal Code

"SPECIFIED ADULT"
SHALL MEAN: (A) A
NATURAL PERSON
AGE 65 AND OLDER;
OR (B) A NATURAL
PERSON AGE 18 AND
OLDER WHO THE
MEMBER REASONABLY
BELIEVES HAS A
MENTAL OR PHYSICAL
IMPAIRMENT THAT
RENDERS THE
INDIVIDUAL UNABLE
TO PROTECT HIS OR
HER OWN INTERESTS.

Account Number

IF YOU WISH TO ADD A TRUSTED CONTACT, PLEASE COMPLETE THE TRUSTED CONTACT FORM.

A COPY OF THE ID IS REQUIRED FOR EACH NON-U.S. PERSON AND FOR U.S. CITIZENS LIVING ABROAD. PROOF OF ADDRESS MAY ALSO BE REQUIRED.

Country

	INVESTMENT I	KNOWLEDGE			INVESTMENT EXPERIENCE	
Equities	Limited	☐ Moderate	☐ Extensive	☐ None	Since Year:	
Options	Limited	Moderate	Extensive	☐ None	Since Year:	
Fixed Income	Limited	Moderate	Extensive	☐ None	Since Year:	
Mutual Funds	Limited	Moderate	Extensive	☐ None	Since Year:	
Unit Investment Trusts	Limited	Moderate	Extensive	☐ None	Since Year:	
Exchange Traded Funds	Limited	Moderate	Extensive	☐ None	Since Year:	
Real Estate	Limited	☐ Moderate	Extensive	None	Since Year:	
Insurance	Limited	☐ Moderate	Extensive	☐ None	Since Year:	
Variable Annuities	Limited	☐ Moderate	☐ Extensive	☐ None	Since Year:	
Fixed Annuities	Limited	☐ Moderate	☐ Extensive	☐ None	Since Year:	
Precious Metals	Limited	☐ Moderate	☐ Extensive	☐ None	Since Year:	
Commodities, Futures	Limited	☐ Moderate	☐ Extensive	☐ None	Since Year:	
Other:	Limited	☐ Moderate	☐ Extensive	☐ None	Since Year:	
Net Worth (excluding home) From \$ Liquid Net Worth			To \$			
•			To \$			
From \$ Fax Bracket: 0-15%	15.1%-32%	_		-		
From \$ Fax Bracket: 0-15% Jnexpired Governmen	t Identificatio	n	0%			GOVERNMENT ISSUE
From \$ Fax Bracket: 0-15% Jnexpired Governmen GOVERNM		n	0%	OVERNMEN	T PHOTO ID #2	UNEXPIRED PHOTO
From \$ Fax Bracket: 0-15% Jnexpired Governmen GOVERNM	t Identificatio	n	0%	OVERNMEN	T PHOTO ID #2	UNEXPIRED PHOTO IDENTIFICATION
From \$ Fax Bracket: 0-15% Jnexpired Governmen GOVERNM Type of Unexpired Photo ID	t Identificatio	n	0%	OVERNMEN	T PHOTO ID #2	IDENTIFICATION SHOULD BE PROVIDE FOR ALL INDIVIDUAL THAT WERE NOT
From \$ Fax Bracket: 0-15% Jnexpired Governmen GOVERNM Type of Unexpired Photo ID ID Number	t Identificatio	n	0% 50.1% +	OVERNMEN	T PHOTO ID #2	UNEXPIRED PHOTO IDENTIFICATION SHOULD BE PROVIDE FOR ALL INDIVIDUAL THAT WERE NOT VERIFIED USING NON-DOCUMENTAR
From \$ Tax Bracket: 0-15% Jnexpired Governmen GOVERNM Type of Unexpired Photo ID ID Number Country of Issue	nt Identificatio	n	O% 50.1% +	OVERNMEN noto ID	T PHOTO ID #2	UNEXPIRED PHOTO IDENTIFICATION SHOULD BE PROVIDI FOR ALL INDIVIDUAL THAT WERE NOT VERIFIED USING NON-DOCUMENTAR METHODS, AND FOR NON-RESIDENT
From \$ Fax Bracket: 0-15% Jnexpired Governmen GOVERNM Type of Unexpired Photo ID ID Number Country of Issue State/Province/Subdivision of II	nt Identificatio	n 1	O% 50.1% + G Type of Unexpired Ph ID Number Country of Issue	noto ID	T PHOTO ID #2 Date of Expiration	UNEXPIRED PHOTO IDENTIFICATION SHOULD BE PROVIDI FOR ALL INDIVIDUAL THAT WERE NOT VERIFIED USING NON-DOCUMENTAR METHODS, AND FOR NON-RESIDENT ALIENS, ALONG WIT
From \$ Fax Bracket: 0-15% Jnexpired Governmen GOVERNM Type of Unexpired Photo ID ID Number Country of Issue State/Province/Subdivision of II Date of Issue	It Identificatio	n 1	G Type of Unexpired Pl ID Number Country of Issue State/Province/Subs	noto ID		UNEXPIRED PHOTO IDENTIFICATION SHOULD BE PROVIDI FOR ALL INDIVIDUAL THAT WERE NOT VERIFIED USING NON-DOCUMENTAR METHODS, AND FOR NON-RESIDENT ALIENS, ALONG WIT
From \$ Fax Bracket: 0-15% Jnexpired Governmen GOVERNM Type of Unexpired Photo ID ID Number Country of Issue State/Province/Subdivision of II Date of Issue ID Verification Comments	D Date of Expiration	n 1	Type of Unexpired Pl ID Number Country of Issue State/Province/Subs	noto ID		UNEXPIRED PHOTO IDENTIFICATION SHOULD BE PROVIDI FOR ALL INDIVIDUAL THAT WERE NOT VERIFIED USING NON-DOCUMENTAR METHODS, AND FOR NON-RESIDENT ALIENS, ALONG WIT
From \$ Fax Bracket: 0-15% Jnexpired Governmen	D Date of Expiration	n 1	Type of Unexpired Pl ID Number Country of Issue State/Province/Subs	division of ID	Date of Expiration	UNEXPIRED PHOTO IDENTIFICATION SHOULD BE PROVIDE FOR ALL INDIVIDUAL THAT WERE NOT VERIFIED USING NON-DOCUMENTAR METHODS, AND

Are you an employee of this b	roker-dealer?					Yes	□ N
Are you related to an employe	ee at this broker-dealer?					Yes	□No
Employee Name			Relationsh	iip			
Are you an employee of anoth	ner broker-dealer?					Yes	☐ No
Broker-Dealer Name							
Are you related to an employe	ee at another broker-deale	er?				Yes	☐ No
Broker-Dealer Name		Employee N	Name		Relationship		
Are you maintaining any other	r brokerage accounts?				ı	Yes	☐ No
With what firm(s) are you maintaining	g other brokerage accounts?		Years of In	vestment Ex	xperience		
Are you or any member of you member of a stock exchange o				by a		Yes	☐ No
Employer authorization is required. W	/hat is the affiliation?						
Are you a senior officer, direct	tor, or 10% or more share	holder of a p	oublic com	ıpany?		Yes	☐ No
Company Name(s)							
Additional Participants	ining and a few blair and a supply	If Van annu	. . + . +				
Are there more than two parti Additional Holder/Participant			nete the			∐ Yes	∐ No
Specified Adult							
If this account has an account Trusted Contacts? If Yes, com			adult, are	there		Yes	□ No
STEP 6. INTERESTED PA	RTIES						
First Interested Party							
Name			Date of Bir	th			
				-			
Email				Mobile Pho	one		
Home Phone	Business Phone						
Home Phone	Business Phone						
	Business Phone						
Home Phone	Business Phone	State/Prov	vince	Zip/Postal	Code		

Name		Date o	of Birth		PLEASE ADD A SEPARATE SHEET
Email					FOR ADDITIONAL INTERESTED PARTIES.
Home Phone	Business Phone		Mobile Phone		
Mailing Address					
City		State/Province	Zip/Postal Code		
Country					
Turn of Nichtifications	tatamant Carlinaati	Duayu			
ype of Notification: S	Statement Confirmation	on Proxy			
STEP 7. CASH MANAG	JEMIEIN I				
deposit products. The option additional information on t	ts of sweep options, which is ons available to you are subjute he products available to you cted, any free credit balance	ject to change and I through your swe	you should contact you ep program.	r advisor for	
nto the sweep product sele	ected and any debits in you you have a balance in the s	r brokerage accoun	t will also be covered au	utomatically by	
How would you like to h	andle proceeds?				
Remit Hold	•	een faature nleasee	enter vour sween onti	on below	
Remit Hold	s and wish to utilize the swe	eep feature, please	enter your sweep option	on below.	FOR MONEY MARKET
Remit Hold	s and wish to utilize the swe	eep feature, please	enter your sweep option	on below.	FOR MONEY MARKET FUND, FDIC INSURED DEPOSIT OR BANK SWE
Remit Hold f you opt to hold proceeds Product Name or Acronym of You	s and wish to utilize the swe		enter your sweep option	on below.	FUND, FDIC INSURED
Remit Hold f you opt to hold proceeds Product Name or Acronym of You	s and wish to utilize the swe		enter your sweep option	on below.	FUND, FDIC INSURED
Remit Hold f you opt to hold proceeds Product Name or Acronym of You STEP 8. OBJECTIVE A Risk Exposure Low	s and wish to utilize the sweet r Sweep Option ND INVESTMENT DET Moderate Specu	AILS High F	Risk		FUND, FDIC INSURED
Remit Hold f you opt to hold proceeds Product Name or Acronym of You STEP 8. OBJECTIVE A Risk Exposure Low Account Investment Object	s and wish to utilize the sweet r Sweep Option ND INVESTMENT DET Moderate Specu	AILS			FUND, FDIC INSURED
Remit Hold f you opt to hold proceeds Product Name or Acronym of You STEP 8. OBJECTIVE A Risk Exposure Low Account Investment Object Other Investments	s and wish to utilize the sweet r Sweep Option ND INVESTMENT DET Moderate Specutives Income L	AILS High Fong-Term Growth	Risk	h	FUND, FDIC INSURED DEPOSIT OR BANK SWE
Remit Hold f you opt to hold proceeds Product Name or Acronym of You STEP 8. OBJECTIVE A Risk Exposure Low Account Investment Object Other Investments INVESTMENT	s and wish to utilize the sweet results and the sweet results are sweet results and the sw	AILS Ilation High Fong-Term Growth	Risk Short-Term Growt	h INVESTMENT VAL	FUND, FDIC INSURED DEPOSIT OR BANK SWE
Remit Hold f you opt to hold proceeds Product Name or Acronym of You STEP 8. OBJECTIVE A Risk Exposure Low Account Investment Object Other Investments INVESTMENT Equities	s and wish to utilize the sweet r Sweep Option ND INVESTMENT DET Moderate Specutives Income L INVESTMENT VALUE Value \$	AILS Ilation High Fixe	Risk Short-Term Growth ESTMENT Ed Annuities	h INVESTMENT VAL Value \$	FUND, FDIC INSURED DEPOSIT OR BANK SWE
Remit Hold f you opt to hold proceeds Product Name or Acronym of You STEP 8. OBJECTIVE A Risk Exposure Low Account Investment Object Other Investments INVESTMENT Equities Options	s and wish to utilize the sweet r Sweep Option ND INVESTMENT DET Moderate Speculatives Income L INVESTMENT VALUE Value \$ Value \$	AILS Ilation High Fong-Term Growth INV Fixe	Risk Short-Term Growt	h INVESTMENT VAL Value \$ Value \$	FUND, FDIC INSURED DEPOSIT OR BANK SWE
Remit Hold f you opt to hold proceeds Product Name or Acronym of You STEP 8. OBJECTIVE A Risk Exposure Low Account Investment Object Other Investments INVESTMENT Equities Options Fixed Income	s and wish to utilize the sweet respectives Income Letives Value \$ Value \$ Value \$	AILS Ilation High Form Growth INV Fixe Prec	Risk Short-Term Growth ESTMENT ad Annuities cious Metals mmodities and Futures	h INVESTMENT VAL Value \$ Value \$ Value \$	FUND, FDIC INSURED DEPOSIT OR BANK SWE
Remit Hold f you opt to hold proceeds Product Name or Acronym of You STEP 8. OBJECTIVE A Risk Exposure Low Account Investment Object Other Investments INVESTMENT Equities Options	s and wish to utilize the sweet r Sweep Option ND INVESTMENT DET Moderate Speculatives Income L INVESTMENT VALUE Value \$ Value \$	AILS Ilation High Fong-Term Growth INV Fixe	Risk Short-Term Growth ESTMENT Ed Annuities cious Metals mmodities and Futures der:	h INVESTMENT VAL Value \$ Value \$	FUND, FDIC INSURED DEPOSIT OR BANK SWE
Remit Hold f you opt to hold proceeds Product Name or Acronym of You STEP 8. OBJECTIVE A Risk Exposure Low Account Investment Object Other Investments INVESTMENT Equities Options Fixed Income Mutual Funds	s and wish to utilize the sweet respectives IND INVESTMENT DET Moderate Speculatives Income L INVESTMENT VALUE Value \$	AILS Ilation High Form Growth INV Fixe Prec Cor Oth	Risk Short-Term Growth ESTMENT Ed Annuities Cious Metals Inmodities and Futures Iter:	h INVESTMENT VAL Value \$ Value \$ Value \$ Value \$	FUND, FDIC INSURED DEPOSIT OR BANK SWE
Remit Hold f you opt to hold proceeds Product Name or Acronym of You STEP 8. OBJECTIVE A Risk Exposure Low Account Investment Object Other Investments INVESTMENT Equities Options Fixed Income Mutual Funds Unit Investment Trusts	s and wish to utilize the sweet sweet sweet option ND INVESTMENT DET Moderate Speculatives Income L INVESTMENT VALUE Value \$	AILS Ilation High Fong-Term Growth INV Fixe Pred Cor Oth Oth	Risk Short-Term Growth ESTMENT Ed Annuities Cious Metals Inmodities and Futures Ier: Ier:	h INVESTMENT VAL Value \$ Value \$ Value \$ Value \$ Value \$	FUND, FDIC INSURED DEPOSIT OR BANK SWE
Remit Hold f you opt to hold proceeds Product Name or Acronym of You STEP 8. OBJECTIVE A Risk Exposure Low Account Investment Object Other Investments INVESTMENT Equities Options Fixed Income Mutual Funds Unit Investment Trusts Exchange-Traded Funds	s and wish to utilize the sweet results and resu	AILS Ilation High Foods Fixed Prediction Corporation	Risk Short-Term Growth ESTMENT Ed Annuities cious Metals nmodities and Futures ner: ner:	h INVESTMENT VAL Value \$ Value \$	FUND, FDIC INSURED DEPOSIT OR BANK SWE

CTED O TAY LOT DISDOSITION M	THORS		
STEP 9. TAX LOT DISPOSITION MI	ETHODS		
Reinvestment Plans and c) All other securi	your default for a) Mutual Funds, b) Stocks in ties. If a default disposition method is not cho ated default method will be applied on the ac	sen by you or your	
DISPOSITION METHODS FOR MUTUAL FUNDS	DISPOSITION METHODS FOR STOCKS IN PERSHING'S DIVIDEND REINVESTMENT PLAN	DISPOSITION METHODS FOR ALL OTHER SECURITIE	s
Average Cost (using FIFO)	Average Cost (using FIFO)	First In, First Out (FII	FO)
First In, First Out (FIFO)	First In, First Out (FIFO)	High Cost	
☐ High Cost	☐ High Cost	High Cost Long-Tern	n
☐ High Cost Long-Term	☐ High Cost Long-Term	☐ High Cost Short-Terr	n
☐ High Cost Short-Term	☐ High Cost Short-Term	Last In, First Out (LIF	FO)
Last In, First Out (LIFO)	☐ Last In, First Out (LIFO)	Low Cost	
☐ Low Cost	☐ Low Cost	Low Cost Long-Term	
Low Cost Long-Term	Low Cost Long-Term	Low Cost Short-Tern	า
Low Cost Short-Term	Low Cost Short-Term	☐ Minimize Short-Tern	n Gains
Minimize Short-Term Gains	Minimize Short-Term Gains		
STEP 10. BOND ELECTIONS Election 1 - Bond Premium Amortizati Yes/IRS Default: Amortize.	on (tax free bonds must be amortized)		IF YOU DO NOT CHOOSE BOND
Election 1 - Bond Premium Amortizati			
Election 1 - Bond Premium Amortizati Yes/IRS Default: Amortize. No/Alternative: Do not amortize. Election 2 - Market Discount Accrual			CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS
Election 1 - Bond Premium Amortizati Yes/IRS Default: Amortize. No/Alternative: Do not amortize. Election 2 - Market Discount Accrual Ratable/Alternative Constant Yield/IRS Default	Method		CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS
Election 1 - Bond Premium Amortizati Yes/IRS Default: Amortize. No/Alternative: Do not amortize. Election 2 - Market Discount Accrual Ratable/Alternative Constant Yield/IRS Default Election 3 - Include Market Discount	Method as Income		CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS
Election 1 - Bond Premium Amortizati Yes/IRS Default: Amortize. No/Alternative: Do not amortize. Election 2 - Market Discount Accrual Ratable/Alternative Constant Yield/IRS Default Election 3 - Include Market Discount No/IRS Default: Don't include market	Method as Income discount as income.		CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS
Election 1 - Bond Premium Amortizati Yes/IRS Default: Amortize. No/Alternative: Do not amortize. Election 2 - Market Discount Accrual Ratable/Alternative Constant Yield/IRS Default Election 3 - Include Market Discount	Method as Income discount as income.		CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS
Election 1 - Bond Premium Amortizati Yes/IRS Default: Amortize. No/Alternative: Do not amortize. Election 2 - Market Discount Accrual Ratable/Alternative Constant Yield/IRS Default Election 3 - Include Market Discount No/IRS Default: Don't include market	Method as Income discount as income. unt in income.		CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS
Election 1 - Bond Premium Amortizati Yes/IRS Default: Amortize. No/Alternative: Do not amortize. Election 2 - Market Discount Accrual Ratable/Alternative Constant Yield/IRS Default Election 3 - Include Market Discount No/IRS Default: Don't include market Yes/Alternative: Include market discount STEP 11. ADDITIONAL INFORMAT	Method as Income discount as income. unt in income.		CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS
Election 1 - Bond Premium Amortizati Yes/IRS Default: Amortize. No/Alternative: Do not amortize. Election 2 - Market Discount Accrual Ratable/Alternative Constant Yield/IRS Default Election 3 - Include Market Discount No/IRS Default: Don't include market Yes/Alternative: Include market discount STEP 11. ADDITIONAL INFORMAT Electronic Delivery Are you interested in electronic delivery of	Method as Income discount as income. unt in income. brokerage documents	☐ Yes ☐ No	CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS WILL BE SELECTED. IF YES, PLEASE COMPLETE A USER
Election 1 - Bond Premium Amortizati Yes/IRS Default: Amortize. No/Alternative: Do not amortize. Election 2 - Market Discount Accrual Ratable/Alternative Constant Yield/IRS Default Election 3 - Include Market Discount No/IRS Default: Don't include market discount Yes/Alternative: Include market discount STEP 11. ADDITIONAL INFORMAT Electronic Delivery Are you interested in electronic delivery of (for example, account statements and/or to Municipal Bond Offering Official Statements)	Method as Income discount as income. unt in income. brokerage documents trade confirmations) for this account? nts		CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS WILL BE SELECTED.
Election 1 - Bond Premium Amortizati Yes/IRS Default: Amortize. No/Alternative: Do not amortize. Election 2 - Market Discount Accrual Ratable/Alternative Constant Yield/IRS Default Election 3 - Include Market Discount No/IRS Default: Don't include market of yes/Alternative: Include market discount STEP 11. ADDITIONAL INFORMAT Electronic Delivery Are you interested in electronic delivery of (for example, account statements and/or the Municipal Bond Offering Official Statement)	Method as Income discount as income. unt in income. ION brokerage documents rade confirmations) for this account? nts s are available electronically at: http://www.e	mma.msrb.org/	CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS WILL BE SELECTED. IF YES, PLEASE COMPLETE A USER ID AND E-DELIVERY
Election 1 - Bond Premium Amortizati Yes/IRS Default: Amortize. No/Alternative: Do not amortize. Election 2 - Market Discount Accrual Ratable/Alternative Constant Yield/IRS Default Election 3 - Include Market Discount No/IRS Default: Don't include market discount Yes/Alternative: Include market discount STEP 11. ADDITIONAL INFORMAT Electronic Delivery Are you interested in electronic delivery of (for example, account statements and/or the Municipal Bond Offering Official Statement Municipal Bond offering official statement Are you interested in hard copy delivery of If the account is established for a trust, con has a Trustee Certification of Investment Proceedings of the statement of the	Method as Income discount as income. unt in income. ION brokerage documents trade confirmations) for this account? nts s are available electronically at: http://www.e Municipal Bond Official Statements for this account or the second of	mma.msrb.org/ ccount? Yes No	CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS WILL BE SELECTED. IF YES, PLEASE COMPLETE A USER ID AND E-DELIVERY

STEP 12. STANDING/PER					
SIEP IZ. SIANDING/PER	IODIC INSTRU	JCTIONS			
How would you like to handle I					
Remit Credit		0.1401			
Income Distribution					
Method First-Party Check The ACH (requires a completed Account for Journal				below and a completed lette quires a completed letter of	
Frequency					
Annually Semiannual	lly Quarterl	y 🗌 Bimonthly	M	onthly Semimonthly	
First Payment Date					
		11.5			
Information for Third-Party (Check (If applica				
Name		Email			
Home Phone	Business Pl	hone		Mobile Phone	
Mailing Address					
City		State/Pro	vince	Zip/Postal Code	
Country					
Type of Notification: State Principal Distribution Method	ACH authorization	provide name and	address	below and a completed letto quires a completed letter of	
Type of Notification: State Principal Distribution Method First-Party Check Th ACH (requires a completed Account for Journal	nird-Party Check (ACH authorization	provide name and	address		
Type of Notification: State Principal Distribution Method First-Party Check Th ACH (requires a completed Account for Journal	nird-Party Check (ACH authorization	(provide name and on form)	address l ournal (re		
Type of Notification: State Principal Distribution Method First-Party Check The ACH (requires a completed Account for Journal Frequency Annually Semiannual First Payment Date - -	nird-Party Check (ACH authorization	(provide name and on form)	address l ournal (re	quires a completed letter of	
Type of Notification: State Principal Distribution Method First-Party Check The ACH (requires a completed Account for Journal	nird-Party Check (ACH authorization	(provide name and on form)	address l ournal (re	quires a completed letter of	
Type of Notification: State Principal Distribution Method First-Party Check The ACH (requires a completed Account for Journal Frequency Annually Semiannual First Payment Date - -	nird-Party Check (ACH authorization	(provide name and on form)	address l ournal (re	quires a completed letter of	
Type of Notification: State Principal Distribution Method First-Party Check The ACH (requires a completed Account for Journal Semiannual First Payment Date Information for Third-Party Control Semiannual Sem	nird-Party Check (ACH authorization	(provide name and on form)	address l ournal (re	quires a completed letter of	
Type of Notification: State Principal Distribution Method First-Party Check Trace ACH (requires a completed Account for Journal	nird-Party Check (ACH authorization Ily Quarterl Check (if application	(provide name and on form)	address l ournal (re	quires a completed letter of	
Type of Notification: State Principal Distribution Method First-Party Check Thank ACH (requires a completed Account for Journal Semiannual First Payment Date Semiannual First Payment Payment Payment Payment Payment Payment Payment Payment Payme	nird-Party Check (ACH authorization Ily Quarterl Check (if application	(provide name and on form)	address lournal (re	quires a completed letter of	

STEP 13. U.S. TAXPAYER NUMBER CERTIFI	CATION	
Number (or I am waiting for a number to be iss 2. I am not subject to backup withholding because not been notified by the Internal Revenue Servi result of a failure to report all interest or divides subject to backup withholding; and 3. I am a U.S. citizen or other U.S. person (defined	e (a) I am exempt from backup withholding or (b) I have ce (IRS) that I am subject to backup withholding as a nds, or (c) the IRS has notified me that I am no longer	THIS SECTION IS NO TO BE USED BY NOI U.S. PERSON (SEE DEFINITION OF U.S. PERSON BELOW).
withholding because you have failed to report all ir interest paid, acquisition or abandonment of secur individual retirement arrangement (IRA), and gene not required to sign the certification, but you must	notified by the IRS that you are currently subject to backup nterest and dividends on your tax return. For mortgage red property, cancellation of debt, contributions to an erally, payments other than interest and dividends, you are provide your correct TIN. If you are an exempt payee instructions), enter your exempt payee code (if any) here:	
If you are exempt from FATCA reporting (if you are your exemption from FATCA reporting code (if any	unsure, ask us for a complete set of IRS instructions), enter	
 Definition of a U.S. person. For federal tax purposes, you are considered a U.S. An individual who is a U.S. citizen or U.S. reside A partnership, corporation, company or associathe laws of the United States, An estate (other than a foreign estate), or A domestic trust (as defined in Regulations sec 	ent alien, ation created or organized in the United States or under	
STEP 14. SIGNATURES The Internal Revenue Service does not require you	r consent to any provision of this document other than the	
certifications required to avoid backup withholding. I ACKNOWLEDGE AND AGREE THAT THIS AGREEN	MENT CONTAINS A PREDISPUTE ARBITRATION CLAUSE, IN IEREBY ACKNOWLEDGE RECEIPT OF THIS NEW ACCOUNT	
		DI EACE DEVIEW VO
AGREEMENT WITH PREDISPUTE ARBITRATION C	'erson	PLEASE REVIEW YO
AGREEMENT WITH PREDISPUTE ARBITRATION C	/erson	THE AGREEMENT O
AGREEMENT WITH PREDISPUTE ARBITRATION CI Primary Account Holder or Entity Authorized P		THE AGREEMENT O PAGES 13 AND 14,
AGREEMENT WITH PREDISPUTE ARBITRATION CI Primary Account Holder or Entity Authorized P Print Name Signature		THE AGREEMENT O PAGES 13 AND 14, AND SIGN HERE. KE A COPY FOR YOUR

Principal Printed Name

For Broker-Dealer Use Only Accepted: Investment professional is registered in the state of client's residence.

Date

X

Signature

Investment Professional Printed Name

Date

Signature

TO: FINANCIAL ORGANIZATION AND ITS ASSIGNS

1. Provisions in the Event of Failure to Pay or Deliver

Whenever I (we) do not, on or before the settlement date, pay in full for any security purchased for my (our) account, or deliver any security sold for such account, you are authorized (subject to the provisions of any applicable statute, rule, or regulation):

- (A) Until payment or delivery is made in full, to pledge, repledge, hypothecate, or rehypothecate, without notice, any or all securities which you or your clearing agent may hold for me (either individually or jointly with others), separately or in common with other securities or commodities or any other property, for the sum then due or for a greater or lesser sum and without retaining in your possession and control for delivery a like amount of similar securities.
- (B) To sell any or all securities which you or your clearing agent may hold for me (either individually or jointly with others), to buy in any or all securities required to make delivery for my (our) account, or to cancel any or all outstanding orders or commitments for my (our) account.

2. Cancellation Provisions

You are authorized, in your discretion, should I (we) die or should you for any reason whatever deem it necessary for your protection, without notice, to cancel any outstanding orders in order to close out my (our) accounts, in whole or in part, or to close out any of the commitments made on my (our) behalf.

3. General Provisions

Any sale, purchase, or cancellation authorized hereby may be made according to your judgement and at your discretion on the exchange or other market where such business is then usually transacted, at public auction, or at private sale without advertising the same and without any notice, prior to tender, demand, or call. You may purchase the whole or any part of such securities free from any right of redemption, and I (we) shall remain liable for any deficiency. It is further understood that any notice, prior to tender, demand, or call, from you shall not be considered a waiver of any provision of this agreement. I (we) shall include any person executing this agreement. With my (our) signature on this document, I (we) authorize any free credit balance in my account to be automatically invested into the sweep product elected, unless I (we) instruct my financial organization differently. Pershing LLC is further authorized to rely on instructions that I (we) give to my financial organization regarding my (our) sweep elections. I (we) agree, that my (our) sweep option may be changed, including changes between money market funds and bank deposit products, with prior notification to me (us).

4. Successors and Assigns

This agreement and its provisions shall be continuous, and shall inure to the benefit of your present organization, and any successor organization or assigns, and shall be binding upon me (us) and/or the estate, executors, administrators, and assigns of my (our) account.

5. Age

I (we), if an individual, represent that I (we) am (are) of full age.

6. Interest in Account

No one except me (us) has an interest in any of my (our) accounts with you unless such interest is revealed in the title of such account, and in any case, I (we) have the interest indicated in such title.

7. Orders and Statements

Reports of the execution of orders and statements of my (our) account shall be conclusive if not objected to in writing, the former within two days and the latter within ten days, after forwarding by you to me (us) by mail or otherwise.

8. Extraordinary Events

You shall not be liable for loss or delay caused directly or indirectly by war, natural disasters, government restrictions, exchange, or market rulings, or other conditions beyond your control.

9. Fees and Charges

I (we) agree to the fees and charges on the fee schedule received by me (us). You may change the fee schedule from time to time.

10. Joint Accounts

If this is a joint account, unless we notify you otherwise and provide such documentation, as you require, the brokerage account(s) shall be held by us jointly with rights of survivorship (payable to either or the survivor of us). Each joint tenant irrevocably appoints the other as attorney-in-fact to take all action on his or her behalf and to represent him or her in all respects in connection with this Agreement. You shall be fully protected in acting, but shall not be required to act upon the instructions of either of us. Each of us shall be liable, jointly and individually, for any amounts due to you pursuant to this Agreement, whether incurred by either or both of us.

11. Address

Communications may be sent to me (us) at my (our) current address which is on file at your office, or at such other address as I (we) may hereafter give you in writing. All communications so sent, whether by mail, telegraph, messenger, or otherwise, shall be deemed given to me (us) personally, whether actually received or not.

12. Recording Conversations

I (we) understand and agree that for our mutual protection you may electronically record any of my (our) telephone conversations.

13. ARBITRATION DISCLOSURES

THIS AGREEMENT CONTAINS A PREDISPUTE ARBITRATION CLAUSE. BY SIGNING AN ARBITRATION AGREEMENT THE PARTIES AGREE AS FOLLOWS:

- ALL PARTIES TO THIS AGREEMENT ARE GIVING UP THE RIGHT TO SUE EACH OTHER IN COURT, INCLUDING THE RIGHT TO A TRIAL BY JURY, EXCEPT AS PROVIDED BY THE RULES OF THE ARBITRATION FORUM IN WHICH A CLAIM IS FILED.
- ARBITRATION AWARDS ARE GENERALLY FINAL AND BINDING;
 A PARTY'S ABILITY TO HAVE A COURT REVERSE OR MODIFY
 AN ARBITRATION AWARD IS VERY LIMITED.
- THE ABILITY OF THE PARTIES TO OBTAIN DOCUMENTS, WITNESS STATEMENTS, AND OTHER DISCOVERY IS GENERALLY MORE LIMITED IN ARBITRATION THAN IN COURT PROCEEDINGS.
- THE ARBITRATORS DO NOT HAVE TO EXPLAIN THE REASON(S) FOR THEIR AWARD, UNLESS, IN AN ELIGIBLE CASE, A JOINT REQUEST FOR AN EXPLAINED DECISION HAS BEEN SUBMITTED BY ALL PARTIES TO THE PANEL AT LEAST 20 DAYS PRIOR TO THE FIRST SCHEDULED HEARING DATE.

New Account Agreement

Account Number _______

- THE PANEL OF ARBITRATORS WILL TYPICALLY INCLUDE A MINORITY OF ARBITRATORS WHO WERE OR ARE AFFILIATED WITH THE SECURITIES INDUSTRY.
- THE RULES OF SOME ARBITRATION FORUMS MAY IMPOSE TIME LIMITS FOR BRINGING A CLAIM IN ARBITRATION. IN SOME CASES, A CLAIM THAT IS INELIGIBLE FOR ARBITRATION MAY BE BROUGHT IN COURT.
- THE RULES OF THE ARBITRATION FORUM IN WHICH THE CLAIM IS FILED, AND ANY AMENDMENTS THERETO, SHALL BE INCORPORATED INTO THIS AGREEMENT.

14. ARBITRATION AGREEMENT

ANY CONTROVERSY BETWEEN YOU OR PERSHING AND US SHALL BE SUBMITTED TO ARBITRATION BEFORE AND ONLY BEFORE THE FINANCIAL INDUSTRY REGULATORY AUTHORITY. NO PERSON SHALL BRING A PUTATIVE OR CERTIFIED CLASS ACTION TO ARBITRATION, NOR SEEK TO ENFORCE ANY PREDISPUTE ARBITRATION AGREEMENT AGAINST ANY PERSON WHO HAS INITIATED IN COURT A PUTATIVE CLASS ACTION; OR WHO IS A MEMBER OF A PUTATIVE CLASS WHO HAS NOT OPTED OUT OF THE CLASS WITH RESPECT TO ANY CLAIMS ENCOMPASSED BY THE PUTATIVE CLASS ACTION UNTIL; (I) THE CLASS CERTIFICATION IS DENIED; (II) THE CLASS IS DECERTIFIED; OR (III) THE CUSTOMER IS EXCLUDED FROM THE CLASS BY THE COURT. SUCH FORBEARANCE TO ENFORCE AN AGREEMENT TO ARBITRATE SHALL NOT CONSTITUTE A WAIVER OF ANY RIGHTS UNDER THIS AGREEMENT EXCEPT TO THE EXTENT STATED HEREIN. THE LAWS OF THE STATE OF NEW YORK GOVERN.

15. Specified Adult and Trusted Contact Disclosure

By completing a physical or electronic contact form or providing Trusted Party information to my broker or advisor for electronic capture, I/we authorize the named Financial Institution and Pershing LLC ("Pershing") and their affiliates to share my nonpublic personal information* held at Financial Institution and Pershing with the named trusted contact person(s) (the "Trusted Contact Person(s)") identified as such. Additionally, I/we authorize this information to be shared with the Trusted Contact Person(s) at the discretion of

Financial Institution and Pershing. This authorization includes, but is not limited to, sharing or disclosing any information regarding securities, insurance, bank related, financial planning or other financial products or services offered by or through Financial Institution and/or Pershing or any financial information I/we may have provided to Financial Institution and Pershing. I/we understand that Financial Institution and Pershing, LLC may contact the named Trusted Contact Person(s) if there are questions/concerns about my whereabouts or health status (i.e., if Financial Institution and Pershing becomes concerned that I may no longer be able to handle my financial affairs) or in the event that Financial Institution and Pershing becomes concerned that I may be a victim of fraud or exploitation.

Account owners should contact their Financial Institution or financial representative with additional questions.

Account owners may also contact FINRA at its toll-free number for senior investors to get assistance or raise concerns about issues with brokerage accounts and investments.

CALL: 844-57-HELPS (844-574-3577) MONDAY - FRIDAY; 9 - 5 P.M. ET

* "Nonpublic personal information" includes, but is not limited to: financial account information and balances, information regarding the purchase of a security or insurance product, and any other personally identifiable financial information: (i) provided by a me/us to my/our Financial Institution; (ii) resulting from any transaction in my/our account or any service performed on behalf of me/us by the Financial Institution; or (iii) otherwise obtained from me/us by the Financial Institution.

16. Amendment and Modification of Agreement

I (we) agree that you or your successors or assigns may unilaterally, at any time, change or modify the terms and conditions of this New Account Agreement by sending me notice of the change as required by law or regulation.