# **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 MMBR-Member **DPTR-Depositor** DRTR-Director MINR-Minor OFCR-Officer **EXEC-Executor** 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 SPSR-Sponsor SUSO-Substantial Owner

#### 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
IAPA-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-Nonqualified Deferred Compensation Plan

N529-State Sponsored Higher Education Plan

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

TSTE-Trustee

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 Prototype SEF 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			
Retail (Select a ty	to Step 2)  pe of retail account below)		BE REQUIRED TO OPEN THESE ACCOUNT TYPES. LENT 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?  Yes No
	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/	
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:		



 $<sup>^{\</sup>star}$  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	¬ c s		I:	
Community Property Tenants by Entirety		perty with Rights of Survivo th Rights of Survivorship	orship 🔲 Tenants in Common Usufruct (LA Residen	ts only)
For Custodial Accounts C				
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	y appointment 🗌 Trans	sfer by fiduciary or obligor	Will
STEP 2. INSTITUTION	AL/NON-INSTI	<b>FUTIONAL ACCOUNT</b>		
nstitutional Account, as			1	
_		ance company or registered	, ,	
	ers Act of 1940 or v		nge Commission under Section 2 mission (or any agency or office	203
Other Entity (whether a least \$50 million	natural person, cor	poration, partnership, trust	, or otherwise) with total assets	of at
None of the Above				
<b>nstitutional Account Sui</b> f None of the Above was se			not required	
Waived for all recommer	•		•	
Accepted for all recomm				
	ne recommendation	ns involving the following a	sset classes:	
☐ Equities ☐ Options		ie Mutual Funds	Unit Investment Trusts	
Exchanged Traded Fu	nds Other			
Determined at the time of	of each recommend	lation		
For Broker-Dealer Use C				
if the selection above represents a	full or partial waiver of the ent account is capable of	ne servicing broker/dealer's suitabi exercising independent judgment	lity obligation, the servicing broker/dealer with respect to security and investment s	trategy
STEP 3. USA PATRIOT	ACT INFORMAT	rion		
nstitution, please indicate th	he origin of those ir —	nvestments.	assets from another financial	
	Accumulated S	Savings Alimony	Gift	
Accounts Receivable				i
Income From Earnings	Inheritance	Insurance P		ceeds
Income From Earnings Legal Settlement	Lottery/Gamin	ng Pension/IR	A/Retirement Savings	
Income From Earnings		ng Pension/IR	A/Retirement Savings	

isclosures Required Under t	the USA PATRIOT ACT				SPECIAL NOTE FOR NON-U.S. ACCOUNTS: WITH RESPECT
this account for a Foreign Finan f a U.S. bank; broker-dealer; futu nutual fund; money transmitter o	ures merchant; commoditie			Yes No	TO ASSETS CUSTODIED BY PERSHING ON YOUR BEHALF, YOU ACKNOWLEDGE THAT
this account a private banking	account as defined under t	he USA PATRIOT A	Act?	Yes No	OR DISTRIBUTIONS TO YOU
this an account for a Foreign Ba	ank as defined under the U	SA PATRIOT Act?		Yes No	FROM THIS ACCOUNT MAY BE TAXABLE IN YOUR HOME
If yes, is the bank a Central Ban	nk?			Yes No	JURISDICTION AND/OR YOUR JURISDICTION OF TAX
If yes, is this a Foreign Bank ope	erating under an Offshore I	Banking License?		☐ Yes ☐ No	RESIDENCE IF DIFFERENT FRO YOUR HOME JURISDICTION.
If yes, is this a Foreign Bank ope Country or Territory?	erating under a banking lice	ense issued by a No	on-Cooperative	Yes No	YOU ACKNOWLEDGE TO YOU FINANCIAL ORGANIZATION A
If yes, is this a Foreign Bank ope subject to Section 311 measures		ense issued by a jui	risdiction	Yes No	TAKEN YOUR OWN TAX ADV
f the answer to any of the three questions wn 10% or more of the Bank (if its shares	s above is yes, how many people or s are not publicly traded?	entities			IF NUMBER IS GREATER THAN ZERO, A FOREIGN
re you, or anyone with an intere illitary, governmental, or politica nember of such an official?				Yes No	BANK BENEFICIAL OWNERSHIP FORM MUST ACCOMPANY THIS REQUEST.
yes, identify the name of the official, offic	ce held and country				
TEP 4. PRIMARY ACCOUN	NT HOLDER INFORMA	ATION			
lame					IF DISREGARDED ENTITY, ENTER
ocial Security (SSN)	Person [	Entity Employ	ree Identification Nur	mber (EIN)	THE U.S. OWNER.
mail		Date of Birth	_       _		
Home Phone	Business Phone	٨	Mobile Phone		
egal Address (no P.O. box)	1				
City		State/Province	Zip/Postal Code	9	
Country					-
Mailing Address (if different from legal ac	ddress)				
City		State/Province	Zip/Postal Code	5	-
Country					A COPY OF THE ID IS REQUIRED FOR
rimary Citizenship(s)		Additional Citizens	hip(s)		EACH NON-U.S. PERSON AND FOR U.S. CITIZENS LIVING
J.S. Resident Alien Yes No	Country of Birth	,			ABROAD. PROOF OF ADDRESS MAY ALSO BE REQUIRED.
ender	Marital Status				- DE REQUIRED.
Male Female	Single Married	☐ Divorced ☐	Domestic Partr	ner	
ependents					_
lumber of Dependents					

Employed Self-Er	mployed L I	Retired Une	employed	omemaker	Student		
Occupation			Years Employed	Type of Busi	ness		
Employer Name				l			
Employer's Address							
City		State/Province	Zip/Postal (	Code			
Country							
General Investment Kn Limited Moderate  Cnowledge and Experie	e Extensi	ve None					
INVESTMENT	INVESTMENT	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:		
inancial Information  dentify Verification Me  Compliance Data Cent  Regulatory Data Corpo	er Inc. Report (			Review (INF O Vendor (O			
Annual Income			To \$				
From \$ Net Worth (excluding home)			To ¢				
From \$ Net Worth (excluding home) From \$			To \$				

GOVERN	IMENT PHOTO ID #1			GOVERNMEN	IT PHOTO ID #	2		GOVERNMENT ISSUE UNEXPIRED PHOTO
Type of Unexpired Photo ID			Type of Une	xpired Photo ID				IDENTIFICATION SHOULD BE PROVIDE
ID Number			ID Number					FOR ALL INDIVIDUAL THAT WERE NOT
Country of Issue			Country of Issue					VERIFIED USING NON-DOCUMENTAR' METHODS, AND
State/Province/Subdivision of ID			State/Provin	nce/Subdivision of ID				FOR NON-RESIDENT ALIENS, ALONG WIT
Date of Issue	Date of Expiration	Date of Issue Date of Expiration			on		AN IRS FORM W-8BE	
ID Verification Comments	,	,						
Corporate/Business	Information							
Corporate/Business ID Numb			Formation D	rate of Corporation/Bu	usiness			IF APPLICABLE.
State/Province of Incorporati	on		Country of I	ncorporation				
Broker-Dealer Affilia	tions							
Are you an employee of	this broker-dealer?					Yes	☐ No	
Are you related to an er	nployee at this broker-deal	er?				Yes	☐ No	
Employee Name				Relationship				
Are you an employee of	another broker-dealer?					Yes	☐ No	
Broker-Dealer Name								
Are you related to an er	nployee at another broker-	dealer?				Yes	☐ No	
Broker-Dealer Name			Employee Na	ame	Relationship			
Are you maintaining an	y other brokerage accounts	?			·	Yes	☐ No	
With what firm(s) are you ma	intaining other brokerage accounts	i?		Years of Investment I	Experience			
	of your immediate family a nange or the Financial Indus					Yes	☐ No	
Employer authorization is req	uired. What is the affiliation?							
Are you a senior officer,	director, or 10% or more sl	hareholo	der of a pı	ublic company?		Yes	☐ No	
Company Name(s)								

STEP 5. SECONDARY ACCOU	NT HOLDER INFO	RMATION			
Name					
Social Security Number (SSN)	Person	☐ Entity Er	nployee 	Identification Number (EIN)	
Email		Date of	Birth		
	T		<u> -</u>		
Home Phone	Business Phone		Mo	bile Phone	
Legal Address (no P.O. box)					
City		State/Provinc	e	Zip/Postal Code	
Country				I	
Mailing Address (if different from legal addre	ss)				
City		State/Provinc	e	Zip/Postal Code	
Country					A COPY OF THE ID IS REQUIRED FOR
Primary Citizenship(s)		Additional Cit	zenship	o(s)	EACH NON-U.S. PERSON AND FOR U.S. CITIZENS LIVING
U.S. Resident Alien Yes No	Country of Birth	1			ABROAD. PROOF OF ADDRESS MAY ALSO BE REQUIRED.
	arital Status				DE REQUIRED.
Male Female	Single Married	d Divorced	L	Domestic Partner  Widowed	
Dependents					
Number of Dependents					
Employment and Industry Affilia					
Employed Self-Employed	Retired Une	employed H	omer	naker Student	
Occupation		Years Employed	Тур	e of Business	
Employer Name					
Employer's Address					
City		State/Province	Zip	/Postal Code	

General Investment Knowledge and Experience

Limited Moderate Extensive None

Country

INVESTMENT	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:	
From \$			To \$			
From \$ Liquid Net Worth From \$  Fax Bracket: 0-15%	☐ 15.1%-32%		To \$	-		
Liquid Net Worth From \$  Tax Bracket:  0-15%  Jnexpired Governmen	t Identificatio	n	To \$			GOVERNMENT ISSI
Liquid Net Worth From \$  Tax Bracket:  0-15%  Jnexpired Governmen  GOVERNM		n	To \$ 0%	OVERNMEN	T PHOTO ID #2	UNEXPIRED PHOTO
Liquid Net Worth From \$  Tax Bracket:  0-15%  Jnexpired Governmen  GOVERNM	t Identificatio	n	To \$	OVERNMEN	T PHOTO ID #2	UNEXPIRED PHOTO IDENTIFICATION
Liquid Net Worth From \$  Tax Bracket: 0-15%  Jnexpired Governmen  GOVERNM Type of Unexpired Photo ID	t Identificatio	n	To \$ 0%	OVERNMEN	T PHOTO ID #2	UNEXPIRED PHOTO IDENTIFICATION SHOULD BE PROVID
Liquid Net Worth From \$  Tax Bracket: 0-15%  Jnexpired Governmen GOVERNM Type of Unexpired Photo ID  ID Number	t Identificatio	n	To \$  0%	OVERNMEN	T PHOTO ID #2	SHOULD BE PROVIE FOR ALL INDIVIDUA THAT WERE NOT VERIFIED USING NON-DOCUMENTA
Liquid Net Worth From \$  Fax Bracket: 0-15%  Jnexpired Governmen  GOVERNM  Type of Unexpired Photo ID  ID Number  Country of Issue	t Identificatio	n	To \$  O% 50.1% +  Type of Unexpired Pl  ID Number	GOVERNMEN noto ID	T PHOTO ID #2	UNEXPIRED PHOTO IDENTIFICATION SHOULD BE PROVIE FOR ALL INDIVIDUA THAT WERE NOT VERIFIED USING NON-DOCUMENTA METHODS, AND FOR NON-RESIDEN
Liquid Net Worth From \$  Tax Bracket:  0-15%  Jnexpired Governmen  GOVERNM  Type of Unexpired Photo ID  ID Number  Country of Issue  State/Province/Subdivision of II	t Identificatio	o <b>n</b>	To \$  O% 50.1% +  Type of Unexpired Pl  ID Number  Country of Issue	noto ID  division of ID	T PHOTO ID #2  Date of Expiration	UNEXPIRED PHOTO IDENTIFICATION SHOULD BE PROVIE FOR ALL INDIVIDUA THAT WERE NOT VERIFIED USING NON-DOCUMENTA METHODS, AND FOR NON-RESIDEN ALIENS, ALONG WI
Liquid Net Worth From \$  Tax Bracket:  0-15%  Jnexpired Governmen  GOVERNM  Type of Unexpired Photo ID  ID Number  Country of Issue  State/Province/Subdivision of II  Date of Issue	t Identificatio	o <b>n</b>	To \$  O%	noto ID  division of ID		UNEXPIRED PHOTO IDENTIFICATION SHOULD BE PROVIE FOR ALL INDIVIDUA THAT WERE NOT VERIFIED USING NON-DOCUMENTA METHODS, AND FOR NON-RESIDEN ALIENS, ALONG WI
Liquid Net Worth From \$  Tax 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	TENT PHOTO ID #	o <b>n</b>	To \$  O%	noto ID  division of ID		UNEXPIRED PHOTO IDENTIFICATION SHOULD BE PROVIE FOR ALL INDIVIDUA THAT WERE NOT VERIFIED USING NON-DOCUMENTA METHODS, AND FOR NON-RESIDENT ALIENS, ALONG WI
Liquid Net Worth From \$  Tax Bracket: 0-15%  Jnexpired Governmen	D Date of Expiration	o <b>n</b>	To \$  O%	division of ID	Date of Expiration	UNEXPIRED PHOTO IDENTIFICATION SHOULD BE PROVIE FOR ALL INDIVIDUA THAT WERE NOT VERIFIED USING NON-DOCUMENTA

Broker-Dealer Affiliation							
Are you an employee of this	broker-dealer?				Yes	☐ No	
Are you related to an emplo	yee at this broker-dealer?				Yes	☐ No	
Employee Name			Relationship				
Are you an employee of ano	ther broker-dealer?				Yes	☐ No	
Broker-Dealer Name							
Are you related to an emplo	yee at another broker-deale	er?			Yes	☐ No	
Broker-Dealer Name	Employee Name Relationship						
Are you maintaining any oth	er brokerage accounts?				Yes	☐ No	
With what firm(s) are you maintain	ing other brokerage accounts?		Years of Investment Ex	xperience			
Are you or any member of y nember of a stock exchange					Yes	☐ No	
Employer authorization is required.	What is the affiliation?						
Are you a senior officer, dire	ctor, or 10% or more sharel	holder of a pu	blic company?		Yes	☐ No	
Company Name(s)							
Additional Participants Are there more than two par Additional Holder/Participa			ete the		Yes	☐ No	
STEP 6. INTERESTED P	ARTIES						
First Interested Party							
Name							PLEASE ADD A SEPARATE SHEET
							FOR ADDITIONAL INTERESTED PARTIES.
Email	Business Phone Mobile Phone						
Email Home Phone	Business Phone						
Home Phone	Business Phone						
	Business Phone	State/Provin	ce Zip/Postal	Code			
Home Phone  Mailing Address	Business Phone	State/Provin	ce Zip/Postal	Code			

Name						
Email						
Home Phone	Busi	iness Phone		Mobile Phone		
Mailing Address						
City			State/Province	Zip/Postal Code		
Country						
ives of Natification.	tatament -	Confirmation	Proxy			
ype of Notification: 🔲 St	tatement	Confirmation	Ргоху			
TEP 7. CASH MANAG	EMENT					
he sweep program consist eposit products. The optio dditional information on th	ons available to	you are subject	to change and y	ou should contact you		
once a sweep option is elec nto the sweep product sele	cted, any free cr ected and any de	redit balance in ebits in your br	your brokerage a okerage account	ccount will be automa will also be covered au	itomatically by	
	vou bavo a bala	nce in the swee	ep product suffici	ent to cover the debit	balance.	
	-		., ,			
low would you like to ha	-		., ,			
low would you like to ha	andle proceed	ls?		nter your sweep option	on below.	
How would you like to ha	andle proceed	ls?		nter your sweep optio	on below.	FOR MONEY MARKET
How would you like to hand Remit Hold  f you opt to hold proceeds	andle proceed	ls?		nter your sweep optic	on below.	FOR MONEY MARKET FUND, FDIC INSURED DEPOSIT OR BANK SV
How would you like to hand Remit Hold  f you opt to hold proceeds  Product Name or Acronym of Your	andle proceed and wish to uti	ls? ilize the sweep	feature, please e	nter your sweep optio	on below.	FUND, FDIC INSURED
How would you like to hand Remit Hold  If you opt to hold proceeds  Product Name or Acronym of Your	andle proceed and wish to uti	ls? ilize the sweep	feature, please e	nter your sweep optio	on below.	FUND, FDIC INSURED
How would you like to har Remit Hold Fiyou opt to hold proceeds Product Name or Acronym of Your	andle proceed and wish to uti	ls? ilize the sweep	feature, please e		on below.	FUND, FDIC INSURED
How would you like to har Remit Hold  If you opt to hold proceeds  Product Name or Acronym of Your  STEP 8. OBJECTIVE AI	andle proceed and wish to uti r Sweep Option  ND INVESTM  Moderate	Is?  Ilize the sweep  IENT DETAI	feature, please e			FUND, FDIC INSURED
How would you like to har Remit Hold  If you opt to hold proceeds  Product Name or Acronym of Your  STEP 8. OBJECTIVE AI  Lisk Exposure Low  Account Investment Object	andle proceed and wish to uti r Sweep Option  ND INVESTM  Moderate	Is?  Ilize the sweep  IENT DETAI	feature, please e	sk		FUND, FDIC INSURED
How would you like to har Remit Hold Figure 1 Hold Figure 2 Hold Figure 2 Hold Figure 3 Hold Figure 3 Hold Figure 4 Hold Figure 4 Hold Figure 5 Hold Figure 6 Hold Figure 6 Hold Figure 7 Hold Figure 8 Hold Figure 8 Hold Figure 8 Hold Figure 9 Hold Figure	andle proceed and wish to uti r Sweep Option  ND INVESTM  Moderate	Is?  Ilize the sweep  IENT DETAI  Speculatome Long	feature, please e	sk		FUND, FDIC INSURED DEPOSIT OR BANK SV
How would you like to har Remit Hold  If you opt to hold proceeds  Product Name or Acronym of Your  STEP 8. OBJECTIVE AI  Lisk Exposure Low  Account Investment Object  Other Investments  INVESTMENT	andle proceed and wish to uti r Sweep Option  ND INVESTM  Moderate ctives   Incomp	Is?  Ilize the sweep  IENT DETAI  Speculatome Long	feature, please e	sk Short-Term Growtl	h	FUND, FDIC INSURED DEPOSIT OR BANK SV
How would you like to har Remit Hold  If you opt to hold proceeds  Product Name or Acronym of Your  STEP 8. OBJECTIVE All  Risk Exposure Low  Account Investment Object  Other Investments  INVESTMENT  Equities	andle proceed and wish to uti r Sweep Option  ND INVESTM  Moderate stives Inco	Is?  Ilize the sweep  IENT DETAI  Speculatome Long	feature, please e	sk Short-Term Growtl	n INVESTMENT VAI	FUND, FDIC INSURED DEPOSIT OR BANK SV
How would you like to harmonic Remit Hold  If you opt to hold proceeds  Product Name or Acronym of Your  STEP 8. OBJECTIVE AI  Risk Exposure Low  Account Investment Object  Other Investments	andle proceed and wish to uti r Sweep Option  ND INVESTM  Moderate tives Inco	Is?  Ilize the sweep  IENT DETAI  Speculatome Long	feature, please e	sk Short-Term Growtl TMENT Annuities	n INVESTMENT VAI Value \$	FUND, FDIC INSURED DEPOSIT OR BANK SV
How would you like to har Remit Hold  Remit Hold  f you opt to hold proceeds  Product Name or Acronym of Your  STEP 8. OBJECTIVE All  Risk Exposure Low  Account Investment Object  Other Investments  INVESTMENT  Equities  Options	andle proceed and wish to uti r Sweep Option  ND INVESTM  Moderate tives Inco  INVESTMENT  Value \$  Value \$	Is?  Ilize the sweep  IENT DETAI  Speculatome Long	feature, please e	sk Short-Term Growth  TMENT Annuities  Dus Metals  modities and Futures	INVESTMENT VAI Value \$ Value \$	FUND, FDIC INSURED DEPOSIT OR BANK SV
How would you like to har Remit Hold  If you opt to hold proceeds  Product Name or Acronym of Your  STEP 8. OBJECTIVE AIR  Risk Exposure Low  Account Investment Object  Dither Investments  INVESTMENT  Equities  Options  Fixed Income	andle proceed and wish to uti r Sweep Option  ND INVESTM  Moderate tives Inco  INVESTMENT  Value \$  Value \$  Value \$	Is?  Ilize the sweep  IENT DETAI  Speculatome Long	feature, please e	Sk  Short-Term Growth  TMENT  Annuities  Dus Metals  modities and Futures  r:	NVESTMENT VAIValue \$ Value \$ Value \$	FUND, FDIC INSURED DEPOSIT OR BANK SV
Remit Hold Remit Hold f you opt to hold proceeds Product Name or Acronym of Your  STEP 8. OBJECTIVE AI  Risk Exposure Low Account Investment Object Other Investments INVESTMENT Equities Options Fixed Income Mutual Funds Unit Investment Trusts	andle proceed and wish to uti r Sweep Option  ND INVESTM  Moderate stives Inco  INVESTMENT  Value \$  Value \$  Value \$  Value \$  Value \$  Value \$	Is?  Ilize the sweep  IENT DETAI  Speculatome Long	feature, please e	Short-Term Growth  TMENT  Annuities  Dus Metals  modities and Futures  r:	INVESTMENT VAI Value \$ Value \$ Value \$ Value \$	FUND, FDIC INSURED DEPOSIT OR BANK SV
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How would you like to har Remit Hold  Remit Hold  f you opt to hold proceeds  Product Name or Acronym of Your  STEP 8. OBJECTIVE AI  Risk Exposure Low  Account Investment Object  Other Investments  INVESTMENT  Equities  Options  Fixed Income  Mutual Funds  Unit Investment Trusts  Exchange-Traded Funds	andle proceed and wish to uti r Sweep Option  ND INVESTM  Moderate tives Inco  INVESTMENT  Value \$  Value \$	Is?  Ilize the sweep  IENT DETAI  Speculatome Long	feature, please of the second	Short-Term Growth  TMENT  Annuities  Dus Metals  modities and Futures  r:  r:	INVESTMENT VAI Value \$	FUND, FDIC INSURED DEPOSIT OR BANK SV

		er	
STEP 9. TAX LOT DISPOSITION M	ETHODS		
Reinvestment Plans and c) All other secur	your default for a) Mutual Funds, b) Stocks in ities. If a default disposition method is not choated default method will be applied on the ac	osen 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 (FI	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	m
☐ 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	ı
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		
Yes/IRS Default: Amortize.	ion (tax free bonds must be amortized)		IF YOU DO NOT CHOOSE BOND ELECTIONS, THE
Election 1 - Bond Premium Amortizat  Yes/IRS Default: Amortize.  No/Alternative: Do not amortize.  Election 2 - Market Discount Accrual  Ratable/Alternative			CHOOSE BOND
Election 1 - Bond Premium Amortizat  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 Amortizat  Yes/IRS Default: Amortize.  No/Alternative: Do not amortize.  Election 2 - Market Discount Accrual  Ratable/Alternative	Method		CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS
Election 1 - Bond Premium Amortizat  Yes/IRS Default: Amortize.  No/Alternative: Do not amortize.  Election 2 - Market Discount Accrual Ratable/Alternative  Constant Yield/IRS Default	Method as Income		CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS
Election 1 - Bond Premium Amortizat  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 Amortization 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	Method  as Income discount as income. unt in income.		CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS
Election 1 - Bond Premium Amortization 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 Amortization 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	Method  as Income discount as income. unt in income.		CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS WILL BE SELECTED.
Election 1 - Bond Premium Amortization 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.  brokerage documents	☐ Yes ☐ No	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 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 Statements	Method  as Income discount as income.  unt in income.  brokerage documents trade confirmations) for this account?		CHOOSE BOND ELECTIONS, THE NOTED IRS DEFAULTS WILL BE SELECTED.  IF YES, PLEASE COMPLETE A USER
Election 1 - Bond Premium Amortization 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 (for example, account statements and/or the Municipal Bond Offering Official Statement) Municipal Bond Offering official statement	Method  as Income discount as income. unt in income.  ION  brokerage documents trade confirmations) for this account?	emma.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 Amortization 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 (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 Files.	Method  as Income discount as income.  unt in income.  brokerage documents trade confirmations) for this account?  ints s are available electronically at: http://www.e Municipal Bond Official Statements for this ac proporation, estate, or other entity, owers form, corporate resolution, letter of entation establishing and appropriate authorite	emma.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

TTPD 40 CT41151116 '					
STEP 12. STANDING/PER	NODIC INSTR	UCTION	ıs		
How would you like to handle I					
Remit Credit	Therest and Divid	aciias.			
Income Distribution					
Method  First-Party Check  ACH (requires a completed Account for Journal				below and a completed letter of a quires a completed letter of auth	
Frequency					
Annually Semiannua	lly Quarte	rly 🗌 E	Bimonthly $\square$ M	onthly Semimonthly	
First Payment Date					
Information for Third-Party	Check (if applic	able)			
Name			Email		
Home Phone	Business	Phone		Mobile Phone	
Mailing Address					
City			State/Province	Zip/Postal Code	
Country					
Type of Notification: State	ement Prox	ху 🗌 С	Confirmation		
Type of Notification: State  Principal Distribution  Method  First-Party Check The ACH (requires a completed Account for Journal	nird-Party Check d ACH authorizat	(provide r	name and address	below and a completed letter of auth	
Type of Notification: State  Principal Distribution  Method  First-Party Check Theorem ACH (requires a completed Account for Journal	nird-Party Check d ACH authorizat	(provide r	name and address		
Type of Notification: State  Principal Distribution  Method  First-Party Check The ACH (requires a completed Account for Journal	nird-Party Check I ACH authorizat	(provide r tion form)	name and address		
Type of Notification: State  Principal Distribution  Method  First-Party Check The ACH (requires a completed Account for Journal  Frequency	nird-Party Check I ACH authorizat	(provide r tion form)	name and address	quires a completed letter of auth	
Type of Notification: State  Principal Distribution  Method First-Party Check The ACH (requires a completed Account for Journal	nird-Party Check d ACH authorizat	(provide ricion form)	name and address	quires a completed letter of auth	
Type of Notification: State  Principal Distribution  Method  First-Party Check The ACH (requires a completed Account for Journal	nird-Party Check d ACH authorizat	(provide ricion form)	name and address	quires a completed letter of auth	
Type of Notification: State  Principal Distribution  Method First-Party Check The ACH (requires a completed Account for Journal Semiannual Semi	nird-Party Check d ACH authorizat lly Quarte Check (if applic	(provide riction form)  rly	name and address  Journal (re	quires a completed letter of auth	
Type of Notification: State  Principal Distribution  Method  First-Party Check The ACH (requires a completed Account for Journal	nird-Party Check d ACH authorizat	(provide riction form)  rly	name and address  Journal (re	quires a completed letter of auth	
Type of Notification: State  Principal Distribution  Method First-Party Check Than ACH (requires a completed Account for Journal Semiannual Sem	nird-Party Check d ACH authorizat lly Quarte Check (if applic	(provide riction form)  rly	name and address  Journal (re	quires a completed letter of auth	
Type of Notification: State  Principal Distribution  Method First-Party Check The ACH (requires a completed Account for Journal Semiannual Semi	nird-Party Check d ACH authorizat lly Quarte Check (if applic	(provide riction form)  rly	name and address  Journal (re	quires a completed letter of auth	

STEP 13. U.S. TAXPAYER NUM	BER CERTIFICATIO	DN	
Number (or I am waiting for a r 2. I am not subject to backup with not been notified by the Interna result of a failure to report all ir subject to backup withholding; 3. I am a U.S. citizen or other U.S.	n in Step 4 is my correct number to be issued to sholding because (a) I a al Revenue Service (IRS sterest or dividends, or and person (defined below)	nm exempt from backup withholding or (b) I ha ) that I am subject to backup withholding as a (c) the IRS has notified me that I am no longer	PERSON BELOW).
withholding because you have faile interest paid, acquisition or abando individual retirement arrangement not required to sign the certificatio	ed to report all interest a comment of secured prop (IRA), and generally, pa n, but you must provide	by the IRS that you are currently subject to be and dividends on your tax return. For mortgage perty, cancellation of debt, contributions to an ayments other than interest and dividends, you be your correct TIN. If you are an exempt payee tions), enter your exempt payee code (if any)	u are
If you are exempt from FATCA reports		, ask us for a complete set of IRS instructions),	enter
<ul> <li>Definition of a U.S. person.</li> <li>For federal tax purposes, you are composes.</li> <li>An individual who is a U.S. citized the laws of the United States.</li> <li>An estate (other than a foreign of the Adomestic trust (as defined in the laws).</li> </ul>	en or U.S. resident alier npany or association cr estate), or	n, eated or organized in the United States or und	er
STEP 14. SIGNATURES			
The Internal Revenue Service does a certifications required to avoid backs I ACKNOWLEDGE AND AGREETHA PARAGRAPHS 13 AND 14, ON PAGE AGREEMENT WITH PREDISPUTE A	up withholding. T THIS AGREEMENT C S 13 AND 14. I HEREBY RBITRATION CLAUSE	ont to any provision of this document other to ontains A PREDISPUTE ARBITRATION CLA ACKNOWLEDGE RECEIPT OF THIS NEW ACTHEREIN.	NUSE, IN
Primary Account Holder or Entity  Print Name	Authorized Person	Date	PLEASE REVIEW YO
			INFORMATION, REA THE AGREEMENT O PAGES 13 AND 14,
Signature			AND SIGN HERE. KE
Signature			A COPY FOR YOUR RECORDS.
	plicable)		

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

Date

X

Signature

Principal Printed Name

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

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	t Agreement
1 40 44	/ 100001111	. / 1/21 0 0 1 1 1 0 1 1 4

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.