Institutional Account Agreement

Aufhauser/Pershing LLC

OFFICE USE ONLY Account Number		IP Number		
STEP 1. ACCOUNT SETT	INGS			
Non-Dollar Account	Yes No			
Is the Account High Risk	Yes No			
4210 Exempt Status	Yes No			
MSFTA Received	Yes No			
Base Currency		Covered Securities	MTM Limit	
Large Trader ID	-			

STEP 2. PRIMARY ACCOUNT HOLDER INFORMATION

Name				
Email				
Tax ID Number/Social Security Number			Taxpayer Identificatio	Person Entity
Home Phone	me Phone Business Phone		Mobile Phone	
Legal Address (no P.O. box)	1		1	
City		State/Province		Zip/Postal Code
Country		1		
Mailing Address (no P.O. box)				
City		State/Province		Zip/Postal Code
Country		1		1
Primary Citizenship(s)/Country of Incorporation		Additional Citizenship((s)	

STEP 3. INSTITUTIONAL/NON-INSTITUTIONAL ACCOUNT

Institutional Account, as Defined in the FINRA Rule

A bank, savings and loan association, insurance company or registered investment company

An investment adviser registered either with the Securities and Exchange Commission under Section 203 of the Investment Advisers Act of 1940 or with a state securities commission (or any agency or office performing like functions)

Other Entity (whether a natural person, corporation, partnership, trust, or otherwise) with total assets of at least \$50 million

None of the Above



Institutional Account	Agreement	Account Number	
Please select those which ar Equities Options Exchange Traded Funds Determined at the time of ea For Broker-Dealer Use Only if the selection above represents a full or par	I in the previous section, this sec tions dations ecommendations involving the for e applicable: Fixed Income Mutua G Other ach recommendation		ealer represents that the institutional client
STEP 4. USA PATRIOT ACT INF			
What is the initial source of funds of those investments. Accounts Receivable Income From Earnings Legal Settlement Rollover Spouse/Parent	for this account? If you are tran	nsferring assets from another financ Alimony Insurance Proceeds Pension/IRA/Retirement S Sale of Business	ial institution, please indicate the origin Gift Investment Proceeds Gavings Sales of Real Estate
gains or distributions to you from	s: with respect to assets custoc this account may be taxable in	your home jurisdiction and/or your	a acknowledge that income and capital jurisdiction of tax residence if different have taken your own tax advice in this
 Is this account for a Foreign Fina of a U.S. bank; broker-dealer; fut mutual fund; money transmitter Is this account a private banking 	ures merchant; commodities int or currency exchanger)?	roducing broker;	Yes No
3) Is this an account for a Foreign E			Yes No
a) If yes, is the bank a Central			Yes No
b) If yes, is this a Foreign Banl	k operating under an Offshore Ba	anking License?	Yes No
c) If yes, is this a Foreign Bank Country or Territory?	operating under a banking licer	nse issued by a Non-Cooperative	Yes No
 d) If yes, is this a Foreign Bank subject to Section 311 measure 	k operating under a banking licer ures?	nse issued by a jurisdiction	Yes No
If the answer to questions b, c, or d above is	yes, how many people or entities own 109	% or more of the Bank (if its shares are not pub	vlicly traded?)*
*If number is greater than zero, a Foreign Bar	ık Beneficial Ownership form must accon	npany this request.	
4) Are you, or anyone with an intermilitary, governmental, or politi member of such an official?	rest in this account, currently or cal official, or (2) closely associa		Yes No
If yes, identify the name of the official, office	held and country		

STEP 5. SETTLEMENT INSTRUCTIONS

Broker Alert Acronym	Institution Acronym	Access Code
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DTC-1		
DTC/Clearing Number	Agent Internal Account Number	Agent Internal Account Name
Asset Type	Cross Reference in Alert	Type of Confirm
Institution/Broker ID	Age	nt ID
Interested Party Confirm		
ID Number	Acc	ount Number

DTC-2

DTC/Clearing Number	Agent Internal Account Number	Agent Internal Account Name
Asset Type	Cross Reference in Alert	Type of Confirm
Institution/Broker ID	Agent ID	

Interested Party Confirm

ID Number	Account Number

DTC-3

DTC/Clearing Number	Agent Internal Account Number	Agent Internal Account Name
Asset Type	Cross Reference in Alert	Type of Confirm
	Yes No	ID Confirm Hard copy Both
Institution/Broker ID	Agent ID	

Interested Party Confirm

ID Number	Account Number

DTC-4

DTC/Clearing Number	Agent Internal Account Number	Agent Internal Account Name
Asset Type	Cross Reference in Alert	Type of Confirm
Institution/Broker ID	Agent ID	· · ·

Interested Party Confirm

ID Number	Account Number

DTC-5

DTC/Clearing Number	Agent Internal Account Number	Agent Internal Account Name
Asset Type	Cross Reference in Alert	Type of Confirm
	Yes No	ID Confirm Hard copy Both
Institution/Broker ID	Agent ID	
Interested Party Confirm		

ID Number Account Number

ABA Number	Bank Name
Asset Type	Cross Reference in Alert
	Yes No
Third Party Account Name	Third Party Account Number
Fourth Party Account Name	Fourth Party Account Number

Federal Instructions-2

ABA Number	Bank Name
Asset Type	Cross Reference in Alert
	Yes No
Third Party Account Name	Third Party Account Number
Fourth Party Account Name	Fourth Party Account Number

Federal Instructions-3

ABA Number	Bank Name
Asset Type	Cross Reference in Alert
	Yes No
Third Party Account Name	Third Party Account Number
Fourth Party Account Name	Fourth Party Account Number

Federal Instructions-4

ABA Number	Bank Name
Asset Type	Cross Reference in Alert
	Yes No
Third Party Account Name	Third Party Account Number
Fourth Party Account Name	Fourth Party Account Number

Federal Instructions-5

ABA Number	Bank Name
Asset Type	Cross Reference in Alert
	Yes No
Third Party Account Name	Third Party Account Number
Fourth Party Account Name	Fourth Party Account Number

Physical Delivery

Client Account Number at Clearing Bank	Asset Type	Cross Reference in Alert
		Yes No
Additional Physical Instructions		

Non-U.S. Settlement Instructions-1

Market Location	Primary		Cross Reference in Alert
Clearing Agent Local Code	Local Clearing Agent BIC		Local Clearing Agent Bank Name
Account Number at Local Clearing Agent		Sub Custodian BIC	
Sub Custodian Name		Customer Account Number a	t Sub Custodian

Non-U.S. Settlement Instructions-2

Market Location	Primary		Cross Reference in Alert
Clearing Agent Local Code	Local Clearing Agent BIC		Local Clearing Agent Bank Name
Account Number at Local Clearing Agent		Sub Custodian BIC	
Sub Custodian Name		Customer Account Number a	t Sub Custodian

Non-U.S. Settlement Instructions-3

Market Location	Primary		Cross Reference in Alert
Clearing Agent Local Code	Local Clearing Agent BIC		Local Clearing Agent Bank Name
Account Number at Local Clearing Agent		Sub Custodian BIC	
Sub Custodian Name		Customer Account Number a	t Sub Custodian

Non-U.S. Settlement Instructions-4

Market Location	Primary		Cross Reference in Alert
Clearing Agent Local Code	Local Clearing Agent BIC		Local Clearing Agent Bank Name
Account Number at Local Clearing Agent		Sub Custodian BIC	
Sub Custodian Name		Customer Account Number a	t Sub Custodian

Non-U.S. Settlement Instructions-5

Market Location	Primary		Cross Reference in Alert
Clearing Agent Local Code	Local Clearing Agent BIC		Local Clearing Agent Bank Name
Account Number at Local Clearing Agent		Sub Custodian BIC	
Sub Custodian Name		Customer Account Number a	t Sub Custodian

STEP 6. FINCEN CERTIFICATION

FinCEN Certification Form Signed by	Certification Date
Position Held by FinCEN Certifier	

STEP7.SIGNATURES

The Internal Revenue Service does not require your consent to any provision of this document other than the certifications required to avoid backup withholding.

Please Review your information, read the Agreement on page 10 and sign here. Keep a copy for your records.

I ACKNOWLEDGE AND AGREE THAT THIS AGREEMENT CONTAINS A PREDISPUTE ARBITRATION CLAUSE, IN PARAGRAPHS 11 AND 12, ON PAGE 2 OF THE INSTITUTIONAL ACCOUNT AGREEMENT DISCLOSURES. I HEREBY ACKNOWLEDGE RECEIPT OF THIS INSTITUIONAL ACCOUNT AGREEMENT WITH PREDISPUTE ARBITRATION CLAUSE THEREIN.

Primary Account Holder or Authorized Person

Authorized Signer 1	
Authorized Signer 1 Print Name	Date
Signature	
X	
L	

Authorized Signer 2

Print Name	Date
Signature	
X	

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

Investment Professional Printed Name	Principal Printed Name
Date	Date
Signature	Signature
X	X

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. 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.

6. 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.

7. 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.

8. 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.

9. 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.

10. Recording Conversations

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

11. 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.
- 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.

12. 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 то 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.

13. 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.

14. Electronic Delivery Terms

You agree that account communications may be available in an electronic form.

Account communications will be available in portable document format (PDF). You affirm that you have installed a recent version of Adobe Acrobat Reader or other software application that enables you to view and print your account communications. You may print or save a copy of any of the account communications at any time. You may request a mailed copy of any of your account communications by contacting your financial organization.

An electronic mail ("email") notification will be sent when account communications are available to be accessed. The email notification(s) will be sent to the email address(es) you provided directly to your financial organization or provided by registering for electronic delivery.

In the event that a notice of undeliverable status of an email notification is received by Pershing, your financial organization or Pershing may send a paper notification by U.S. mail to the postal address you provided directly to your financial organization.

In the event of an email notification failure, Pershing may discontinue your enrollment in electronic delivery and reset your account communications delivery preferences so that future documents will be delivered to your mailing address of record in paper form. By providing this Electronic Delivery Consent, you affirm that you have provided a valid email address, have access to the Internet and are at least 18 years of age. You agree that electronic delivery of the account communications is deemed accepted, regardless of whether you access or view a particular account communication document. You acknowledge that any authorized users for your account are able to make changes to the electronic delivery settings for your account, and you agree to accept responsibility for such changes.

You may change your delivery preferences at any time by following the instructions on the website, or by contacting your financial organization directly for assistance.