

Account # _____

Advisor # _____

1 ACCOUNT OWNER INFORMATION

Current Account Owner: _____

2 ADD A JOINT PARTY TO YOUR ACCOUNT

- | | | | |
|--|--|--|--|
| <input type="checkbox"/> Joint Tenants with Rights of Survivorship
In the case of the death of one party, his/her interest passes to the surviving owner(s). | <input type="checkbox"/> Tenants in Common
In the case of the death of one party, his/her interest passes to his/her estate.
(50/50, unless otherwise noted.) | <input type="checkbox"/> Community Property*
For AZ, CA, ID, LA, NM, NV, TX, WA and WI only. Laws vary by state.
<i>*Additional information required, please contact TD AMERITRADE.</i> | <input type="checkbox"/> Tenants by the Entireties (Spouses only)
For AR, DC, DE, FL, HI, MD, MA, MI, MO, MS, NM, OK, PA, RI, VA, TN, VT, WY only. Laws vary by state. |
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3 NEW JOINT ACCOUNT OWNER: COMPLETE ALL THE INFORMATION BELOW

Joint Account Owner Name (First, Middle Initial, Last):	Social Security Number:	Date of Birth:
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Home Street Address (No PO Boxes): _____

City:	State:	ZIP Code:
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Mailing Address (If different from above): _____

City:	State:	ZIP Code:
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Day Telephone Number:	Other Telephone Number:	E-mail Address:
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Driver's License Number:	Expiration:	State/Country:
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Please specify if you are: Unemployed Retired Homemaker Student Source of income (if retired or unemployed): _____

Employer Name (If self-employed, please provide the name of your business and industry):	Occupation:
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Type of Business: _____

Employer Street Address: _____

City:	State:	ZIP Code:
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Are you a U.S. citizen or a U.S. permanent resident? Yes No. Country of citizenship: _____

Non-U.S. citizens: Do you hold a current U.S. immigration Visa? Yes No. Specify Visa type: _____ Passport #: _____ Expiration: _____
(Non-resident aliens must submit W-8BEN form and copy of current passport. If a U.S. address is listed, then attach a signed letter of instruction explaining why you have a U.S. address.)

Check here if you, a member of your immediate family, or any business associate is a senior political figure (SPF). Specify the name of the SPF, political title, relationship, and country of office: _____

Check here if you are a director, 10% shareholder, or policy-making officer of a publicly traded company. Specify the company name, _____

Check here if you are licensed or employed by a registered broker/dealer. Specify the company name and include a compliance letter: _____

4 LIMITED POWER OF ATTORNEY

LIMITED TO PURCHASE AND SALE OF SECURITIES, INCLUDING THE TRADING OF OPTIONS, IF APPLICABLE.

By my signature below, and to the extent indicated herein, I hereby constitute and appoint the Advisory Firm or individual named herein as my agent and attorney-in-fact ("Agent"), to buy, sell (including short sales) and trade in stocks, bonds and any other securities and/or contracts relating to the same on margin (if I have signed a margin agreement) or otherwise in accordance with the Client Agreement (incorporated by reference) applicable to this account held in my name, or number on your books, without notice to me. My Agent is authorized to effect such transactions in my account via any available medium, electronic access or otherwise, including but not limited to electronic access via personal computer or touch-tone phone.

If I have signed an option agreement, my Agent is specifically authorized to effect option transactions in my account, including uncovered options transactions or to uncover a covered option position for my account, as such terms are defined in the booklet "Characteristics and Risks of Standardized Options," a copy of which I have received. I hereby agree to indemnify and hold harmless TD AMERITRADE, Inc. ("TD AMERITRADE"), its affiliates and their directors, officers, employees and agents from and against all claims, actions, costs and liabilities, including attorney's fees, arising out of or related to reliance on this authorization and to pay promptly on demand any and all losses arising there from or debit balance due thereon. In all such purchases, sales or trades you are authorized to follow the instructions of my Agent in every respect concerning my account with you; and my Agent is authorized to act for me and on my behalf in the same manner and with the same force and effect as I might or could do with respect to such purchases, sales or trades, as well as with respect to all other things necessary or incidental to the furtherance or conduct of such purchases, sales or trades, including the delivery of securities or monies from the account in the Account Owner(s) name.



I hereby ratify and confirm any and all transactions with you heretofore or hereafter made by my Agent for my account. This authorization and indemnity is in addition to, and in no way limits or restricts, any rights which you may have under any other agreement or agreements between me and TD AMERITRADE. If this is a fiduciary account, Account Owner(s) affirms that this grant of limited trading authority has been conferred consistent with any fiduciary duties or powers of Account Owner(s).

This authorization is a continuing one and shall remain in full force and effect and you shall have no duty of inquiry. I may change or revoke this authorization by a written notice addressed and delivered to TD AMERITRADE. Until you receive such written revocation, you are entitled to act in reliance on this authorization and indemnity. Any revocation of this authorization shall have no effect on any liability which results from transactions initiated before you receive written notice of revocation. This authorization and indemnity shall inure to the benefit of your present firm and of any successor firm or firms, irrespective of any change or changes at any time in the personnel thereof for any causes whatsoever, and of the assigns of your present firm or any successor firms.

I have carefully read this power of attorney and indemnity and understand that it authorizes my Agent named herein to exercise rights and powers over my accounts as if I had exercised them myself and that my Agent's actions and instructions with respect to my accounts are fully binding on me.

I also understand and agree that TD AMERITRADE has no duty or responsibility to monitor trading in my accounts by my Agent or notify me prior to accepting instructions. I agree to have my Agent receive duplicate statements and trade confirmations.

5 AUTHORIZATION TO PAY FEES TO AGENT

By my signature below, and to the extent indicated herein, I hereby authorize TD AMERITRADE, to pay Agent from my account the Agent's management fees as invoiced by Agent. I also authorize TD AMERITRADE to liquidate shares of any money market mutual fund I may hold in my account to the extent necessary to pay such fees. TD AMERITRADE shall rely on Agent's invoices and have no responsibility for the calculation or verification of fees.

I will indemnify and hold TD AMERITRADE and its affiliates, directors, officers, employees, successors and assigns harmless from all losses, claims, damages, liabilities and costs, including attorney's fees, which TD AMERITRADE may incur by relying upon representation of Agent or upon this authorization.

This authorization will remain in full force and effect until revoked by me by a written notice addressed and delivered to TD AMERITRADE.

6 AGREEMENT - BY SIGNING THIS AGREEMENT, I ACKNOWLEDGE THAT:

Under penalties of perjury, I certify (1) that the Social Security number shown on this form is my correct taxpayer identification number, (2) that I am not subject to backup withholding and (3) that I am a U.S. person (including a resident alien); provided, however, if I am a nonresident alien as disclosed in this application, I do not certify that I am a U.S. person, and I understand that I must submit a W-8BEN Form. If I have been notified by the IRS that I am subject to backup withholding as a result of dividend or interest underreporting, I must cross out (2) in this certification.

I acknowledge that I have received and read the "Client Agreement," available at www.advisorclient.com or by calling 866-268-3247, that will govern my account. I agree to be bound by the "Client Agreement" which may be amended from time to time and which are incorporated by this reference. I release and agree to indemnify and hold harmless TD AMERITRADE Institutional ("TDAI") from any and all liability and claims for damages resulting from any action taken pursuant to this Agreement. By my signature below, I attest that I am of legal age to contract and that the information contained in this application is true and correct. I hereby request, subject to acceptance by TDAI, an account as indicated in Section 1 be opened in the name(s) set forth below.

If I have requested an options account, I agree to be bound by the "Client Agreement" and any supplemental option agreements that will govern my account applicable to the trading of option contracts. I am aware of the risks involved in options trading and represent that I am financially able to bear such risks and withstand options-trading losses.

All securities, dividends and proceeds will be held at TD AMERITRADE Clearing, Inc. (the "Clearing Firm"), unless otherwise instructed.

I understand that TDAI may obtain a current consumer or credit report to determine my eligibility, or continuing eligibility, for credit or for other legitimate business purposes. Any decision by TDAI to extend credit may be based on information contained in a consumer or credit report, as well as the policies of TDAI and the Clearing Firm.

I understand that TDAI may relate information regarding this account, including account delinquency and voluntary closures, to consumer or credit-reporting agencies. Upon my request, TDAI shall inform me of each consumer or credit-reporting agency from which they have obtained and/or reported my consumer or credit report. TDAI agrees to notify the consumer or credit-reporting agencies if I dispute the completeness or accuracy of the information furnished by TDAI. By my signature below, I authorize TDAI to obtain consumer or credit reports for the name(s) set forth below.

Unless specified otherwise, I understand that non-deposit investments purchased through TDAI are not insured by the FDIC (Federal Deposit Insurance Corporation), are not obligations of or guaranteed by any financial institution and are subject to investment risk and loss that may exceed the principal invested.

Important information about procedures for opening a new account: To help the government fight the funding of terrorism and money laundering activities, federal law requires all financial institutions to obtain, verify and record information that identifies each person who opens an account.

What this means for you: When you open an account, we will ask for your name, address, date of birth and other information that will allow us to identify you. We may also utilize a third-party information provider for verification purposes and/or ask for a copy of your driver's license or other identifying documents.

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

Successors and Heirs. This Authorization supplements and in no way limits or restricts rights which TDAI and the Clearing Firm may have under any other agreement with me. This Authorization will bind my heirs, executors, administrators, successors and assigns and will benefit TDAI and the Clearing Firm's successors and assigns.

The Client Agreement applicable to this brokerage account agreement contains predispute arbitration clauses. By signing this agreement the parties agree to be bound by the terms of the agreement including the arbitration agreement located at paragraph 92-94 of the Client Agreement.

7 ACCEPTANCE AND SIGNATURES

AUTHORIZATION TO CONVERT ACCOUNT TO JOINT ACCOUNT:

I authorize TD AMERITRADE, Inc. to immediately convert this account registration to joint account registration to add the individual(s) named below as a party(ies) to the account. In accordance with these instructions, all existing account assets will be converted to joint property and the new Joint Account Owner will have full right and title to all assets in accordance to applicable state law. I agree:

- to indemnify and hold TD AMERITRADE harmless from any and all claims of loss which may result from your reliance on this authorization, and
- to pay TD AMERITRADE promptly on demand any and all losses that may arise in the account or debit balances due on the account.

All Account Owners' Signatures Required.

Account Owner Signature: _____ Date: _____

Joint Account Owner Signature: _____ Date: _____

TD AMERITRADE Institutional
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