

Corporate Resolution

IMPORTANT INFORMATION ABOUT PROCEDURES FOR OPENING A NEW ACCOUNT

To help the government fight money laundering and the funding of terrorism, federal law requires Fidelity to obtain your name, date of birth, address, and a government-issued ID number before opening your account, and to verify the information. In certain circumstances, Fidelity may obtain and verify comparable information for any person authorized to make transactions in an account or beneficial owners of certain entities. Further documentation is required for certain entities, such as trusts, estates, corporations, partnerships, and other organizations.

Your account may be restricted or closed if Fidelity cannot obtain and verify this information. Fidelity will not be responsible for any losses or damages (including, but not limited to, lost opportunities) that may result if your account is restricted or closed.

Section 2 authorizes an account to be opened in the name of the Corporation with Fidelity Brokerage Services LLC ("FBS") and its affiliate National Financial Services LLC ("NFS") (collectively, "Fidelity").

Section 3 lists those officers or individuals authorized by the resolution to transact business on the account.

Section 4 identifies entities that are account holders. If completing this section, additional documentation on individuals from the entity authorized by the resolution to transact business on the account will need to be submitted. Please ask your representative what documentation is needed.

Section 5 must be signed by an officer, other than those listed in Sections 2 and 3, unless you are the sole officer of the Corporation or you and the officer(s) authorized in Section 3 are the only officers. **Please imprint a Corporate Seal in the space provided or include a copy of the Articles of Incorporation with this form.**

If you have any questions, please call us, 24 hours a day, at **1-800-544-6666**.

Send all appropriate forms in the enclosed envelope or mail to: **Fidelity Investments, P.O. Box 770001, Cincinnati, OH 45277-0002.**

1 CUSTOMER INFORMATION

Complete all information.

Account Number (if already on file)

Official full name of Corporation

Tax Identification Number

() -

Business address (no P.O. boxes) (city, state, ZIP)

Daytime Phone

GOVERNMENT ID (FOREIGN BUSINESS ONLY)

Please attach a photocopy.

Type of document

Mailing address (if different from above) (city, state, ZIP)

Document number and country of issuance
(number from the document)

2 CERTIFICATIONS

I, (Name of President or officer in Section 3) _____

Title _____

hereby certify the following:

A. That the Corporation identified in Section 1 is duly organized and existing under the laws of the state/country of _____ and has the power to take the action called for by the Resolutions on this form.

B. That the Corporation is this type of entity: ☐ publicly traded corporation or ☐ privately held corporation

C. That the resolutions in Section 5 of this form were duly adopted by the Board of Directors of said Corporation at a meeting held on --, at which a quorum of said Board of Directors was present and acting throughout; that no action has been taken to rescind or amend said resolutions; and that the same are now in full force and effect.



2 CERTIFICATIONS Continued

- D.** That each of the individual(s) named in Section 3 has been duly elected, is now legally holding the title set beside his or her name, and that any one of them acting individually be, and they hereby are, authorized to execute any and all instruments necessary, proper, and desirable for the purpose, including any and all documentation necessary to establish the following account(s):
☐ Cash ☐ Margin ☐ Option (check all that apply) in the name of said Corporation with Fidelity and to purchase, trade, sell (including short sales in margin accounts), assign, withdraw, transfer, and/or deliver any and all stocks, bonds, options, or any other assets or securities, listed or unlisted, and to establish checkwriting, EFT, and other account-related services in said account(s); further, that any past action in accordance herewith is hereby ratified and confirmed; and, further, that any officer of this Corporation (other than those listed here) is hereby authorized to certify this resolution to Fidelity. This authorization shall continue in force until revoked by the above-named Corporation by a written notice, addressed and delivered to Fidelity Investments, P.O. Box 770001, Cincinnati, OH 45277-0002.
- E.** That the resolutions herein are not contrary to any provision in the charter or bylaws of this Corporation, and that I have been authorized to make this certification to Fidelity on behalf of this Corporation.
- F.** That any information given on this corporate resolution is subject to verification and Fidelity is authorized to obtain a credit or other financial responsibility report with respect to the registered account holder as well as any individual authorized to transact business on behalf of the registered account holder, that the undersigned is authorized to express the consent of such authorized individuals to obtain a report, and that such individuals have been notified of the possibility thereof. Upon written request, Fidelity will provide the name and address of the credit reporting agency used.

3 AUTHORIZED INDIVIDUALS

Each authorized individual named is fully authorized to open a brokerage account in the name of the Corporation identified in Section 1, to place orders on the account, and to execute any instrument incidental to such account (such as applying for margin or options), to act in a sole capacity in these regards, and to act on behalf of the business entity as may be more fully described in the customer agreement.

Note: To add up to seven Authorized Individuals to this account, please attach a copy of the information required below for each individual. Please duplicate this page with Authorized Individual changes and attach to this application as an addendum if additional Authorized Individuals are needed.

All fields in bold are required.

Full legal name _____ Title _____
First Name Middle Name Last Name

Social Security number _____ or Taxpayer ID number _____

E-mail _____ Date of birth (month/day/year) _____

Permanent address _____
(no P.O. boxes) Street City State ZIP

Mailing address _____
(if different from above) Street City State ZIP

Phone numbers: Evening _____ Day _____ Ext. _____

Countries of citizenship ☐ U.S. ☐ Other(s) _____ Country of tax residence ☐ U.S. ☐ Other _____

GOVERNMENT ID (FOREIGN CITIZENS ONLY) Identification document must have a reference number and photo. Please attach a photocopy.

Place of birth _____
City State/Province Country

Immigration status: ☐ Permanent resident ☐ Non-permanent resident ☐ Non-resident

Check which type of document you are providing: ☐ U.S. driver's license ☐ DHS permanent resident alien card

☐ Passport with U.S. visa ☐ Employment Authorization Document

☐ Passport without U.S. visa*

*Bank name required

*Account number required

☐ Foreign national identity document*

*Bank address required

*Phone number required

Document number and country of issuance _____
(Number from the document checked above)

3**AUTHORIZED INDIVIDUALS Continued**

Employment status: ☐ Employed ☐ Not employed ☐ Retired Occupation _____
(if retired or not employed, indicate source of income)

☐ Self-Employed—If you are self-employed and your business address is the same as your legal home address, please initial here that you work out of your home. _____

Employer's name _____

Address _____ City _____ State _____ ZIP _____

ASSOCIATIONS

☐ Check this box if you are associated with, or employed by, a stock exchange or a member firm of an exchange or FINRA, a municipal securities dealer, or Fidelity. If you checked the box, obtain and attach the compliance officer's letter of approval ("407 letter") and indicate the name and address of the entity with which you are associated below. Failure to include an approval letter may delay the processing of your request. We must tell the associated entity that you have applied for this account. An account approval letter is not required for Fidelity employees.

☐ Check here if your association is through your employer. (If you checked this box, you are not required to complete the information below.)

Associated entity name _____

Address _____ City _____ State _____ ZIP _____

☐ Check this box if you are a control person associated with either (a) another member, (b) a member organization, or (c) an immediate family/household member of a control person, or are associated with a publicly traded company under SEC Rule 144 (this would include, but is not limited to, a director, 10% shareholder, policy-making officer, and members of the board of directors).

Trading symbol _____ Company _____

Receive Account Documents Online:

For your convenience, certain account documents can be delivered to you electronically. These include account statements, trade confirmations, prospectuses, and shareholder reports. In addition, as other documents become available, we will be able to deliver them to you electronically instead of by U.S. mail.

If you do not want electronic delivery of your account documents, you should check off one or more of the boxes below. In order to enroll in the eDelivery program and begin receiving account documents electronically, you will need to read the Electronic Delivery Agreement and consent to its terms. You will receive the Electronic Delivery Agreement in an e-mail, unless you select all the options below.

I would prefer to receive the following documents by U.S. mail:

☐ Monthly Account Statements ☐ Trade Confirmations and Related Prospectuses ☐ Prospectuses, Shareholder Reports, and Other Documents

ADDITIONAL AUTHORIZED INDIVIDUAL

Full legal name _____ Title _____
First Name Middle Name Last Name

Social Security number _____ or Taxpayer ID number _____

E-mail _____ Date of birth (month/day/year) _____

Permanent address _____
(no P.O. boxes) Street City State ZIP

Mailing address _____
(if different from above) Street City State ZIP

Phone numbers: Evening _____ Day _____ Ext. _____

3 AUTHORIZED INDIVIDUALS Continued

Countries of citizenship ☐ U.S. ☐ Other(s) _____ Country of tax residence ☐ U.S. ☐ Other _____

GOVERNMENT ID (FOREIGN CITIZENS ONLY) Identification document must have a reference number and photo. Please attach a photocopy.

Place of birth _____
City _____ State/Province _____ Country _____

Immigration status: ☐ Permanent resident ☐ Non-permanent resident ☐ Non-resident

Check which type of document you are providing: ☐ U.S. driver's license ☐ DHS permanent resident alien card

☐ Passport with U.S. visa ☐ Employment Authorization Document

☐ Passport without U.S. visa* _____
*Bank name required _____ *Account number required _____

☐ Foreign national identity document* _____
*Bank address required _____ *Phone number required _____

Document number and country of issuance _____
(Number from the document checked above)

Employment status ☐ Employed ☐ Not employed ☐ Retired Occupation _____
(if retired or not employed, indicate source of income)

☐ Self-Employed—If you are self-employed and your business address is the same as your legal home address, please initial here that you work out of your home. _____

Employer's name _____

Address _____ City _____ State _____ ZIP _____

ASSOCIATIONS

☐ Check this box if you are associated with, or employed by, a stock exchange or a member firm of an exchange or FINRA, a municipal securities dealer, or Fidelity. If you checked the box, obtain and attach the compliance officer's letter of approval ("407 letter") and indicate the name and address of the entity with which you are associated below. Failure to include an approval letter may delay the processing of your request. We must tell the associated entity that you have applied for this account. An account approval letter is not required for Fidelity employees.

☐ Check here if your association is through your employer. (If you checked this box, you are not required to complete the information below.)

Associated entity name _____

Address _____ City _____ State _____ ZIP _____

☐ Check this box if you are a control person associated with either (a) another member, (b) a member organization, or (c) an immediate family/household member of a control person, or are associated with a publicly traded company under SEC Rule 144 (this would include, but is not limited to, a director, 10% shareholder, policy-making officer, and members of the board of directors).

Trading symbol _____ Company _____

Receive Account Documents Online:

For your convenience, certain account documents can be delivered to you electronically. These include account statements, trade confirmations, prospectuses, and shareholder reports. In addition, as other documents become available, we will be able to deliver them to you electronically instead of by U.S. mail.

If you do not want electronic delivery of your account documents, you should check off one or more of the boxes below. In order to enroll in the eDelivery program and begin receiving account documents electronically, you will need to read the Electronic Delivery Agreement and consent to its terms. You will receive the Electronic Delivery Agreement in an e-mail, unless you select all the options below.

I would prefer to receive the following documents by U.S. mail:

☐ Monthly Account Statements ☐ Trade Confirmations and Related Prospectuses ☐ Prospectuses, Shareholder Reports, and Other Documents

4 AUTHORIZED ENTITY (IF ANY)

Entity name _____

Tax ID number _____

Country of tax residence _____

Permanent address _____
(no P.O. boxes) Street City State ZIP

Mailing address _____
(if different from above) Street City State ZIP

State/country of organization _____

Trust date (for trusts only) _____

Entity ID document _____ State/country of issuance _____

5 RESOLUTIONS AND SIGNATURE OF CERTIFYING OFFICER

Certified Copy of Certain Resolutions Adopted by the Board of Directors Whereby the Establishment and Maintenance of Trading Accounts Have Been Authorized

RESOLVED:

FIRST: That the individual listed in Section 2 of this corporate resolution hereby is authorized and empowered, for and on behalf of this Corporation, to establish, maintain, and act on this account (which may be a margin account) and that the individuals listed in Section 3 of this Corporate Resolution are, and each of them hereby is, authorized and empowered for and on behalf of this Corporation, with Fidelity Brokerage Services LLC and its affiliate National Financial Services LLC (herein called the "Brokers") for the purpose of purchasing, investing in, or otherwise acquiring, selling (including short sales), possessing, transferring, exchanging, or otherwise disposing of, or turning to account of, or realizing upon, and generally dealing in and with any and all forms of securities including, but not by way of limitation, shares, stocks, bonds, debentures, notes, scrip, participation certificates, rights to subscribe, options, warrants, certificates of deposit, mortgages, evidences of indebtedness, commercial paper, certificates of indebtedness and certificates of interest of any and every kind and nature whatsoever, secured or unsecured, whether represented by trust, participating and/or other certificates, or otherwise.

The fullest authority at all times with respect to any such commitment or with respect to any transaction deemed by any of the said officers and/or agents to be proper in connection therewith is hereby conferred, including authority (without limiting the generality of the foregoing) to give instructions (whether oral, written, electronic, or otherwise) to the Brokers with respect to said transactions; to borrow money and securities and to borrow such money and securities from or through the Brokers, and to secure repayment thereof with the property of the Corporation; to bind and obligate the Corporation to and for the carrying out of any contract, arrangement, or transaction that shall be entered into by any such officer and/or agent for and on behalf of the Corporation with or through the Brokers; to pay by checks and/or drafts drawn upon the funds of the Corporation such sums as may be necessary in connection with any of the said accounts; to deliver securities and contracts to the Brokers; to deliver securities to/and deposit funds with the Brokers; to order the transfer or delivery of securities to any other person whatsoever, and/or to order the transfer of record of any securities, to any name selected by any of the said officers or agents; to affix the corporate seal to any documents or securities to any name selected by any of the said officers or agents; to affix the corporate seal to any documents or agreements, or otherwise; to endorse any securities and/or contracts in order to pass title thereto; to direct the sale or exercise of any rights with respect to any securities; to sign for the Corporation all releases, powers of attorney, and/or other documents in connection with any such account, and to agree to any terms or conditions to control any such account; to direct the Brokers to surrender any securities to the proper agent or party for the purpose of effecting any exchange or conversion, or for the purpose of deposit with any protective or similar committee, or otherwise; to accept

delivery of any securities; to appoint any other person or persons to do any and all things that any of the said officers and/or agents are hereby empowered to do, and generally to do and take all action necessary in connection with the account, or considered desirable by such officer and/or agent with respect thereto.

SECOND: That either Broker may deal with any and all of the persons directly or indirectly empowered by the foregoing resolution, as though they were dealing with the Corporation directly.

THIRD: That the Secretary of the Corporation be and hereby is authorized, empowered and if requested by the Brokers, directed to certify, under the seal of the Corporation, or otherwise, to the Brokers:

- (a) a true copy of these resolutions;
- (b) specimen signatures of each and every person by these resolutions empowered;
- (c) a certificate (which, if required by the Brokers, shall be supported by an opinion of the general counsel of the Corporation, or other counsel satisfactory to the Brokers) that the Corporation is duly organized and existing, that its charter empowers it to transact the business by these resolutions defined, and that no limitation has been imposed upon such powers by the bylaws or otherwise.

FOURTH: That the Brokers may rely upon any certification given in accordance with these resolutions, as continuing fully effective unless and until the Brokers shall receive due written notice of a change in or the rescission of the authority so evidenced and the dispatch or receipt of any other form of notice shall not constitute a waiver of this provision, nor shall the fact that any person hereby empowered ceases to be an officer of the Corporation or becomes an officer under some other title in any way affect the powers hereby conferred. The failure to supply any specimen signature shall not invalidate any transaction if the transaction is in accordance with authority actually granted.

FIFTH: That in the event of any change in the office or powers of persons hereby empowered, the Secretary shall certify such changes to the Brokers in writing in the manner herein above provided, which notification, when received, shall be adequate both to terminate the powers of the persons theretofore authorized, and to empower the persons thereby substituted.

SIXTH: That the foregoing resolutions and the certificates actually furnished to the Brokers by the Secretary of the Corporation pursuant thereto be and hereby are made irrevocable until written notice of the revocation thereof shall have been received by the Brokers.

SEVENTH: That the Corporation and its officers indemnify and hold the Brokers harmless from any claim, loss, expense, or other liability for effecting any transactions and acting upon any instructions given by the officers or Secretary of the Corporation.

This certification must be signed by an officer other than those named in Sections 2 and 3. If the above named authorized individual is the only person authorized to act on behalf of the registered owner, and is the sole officer of the registered owner, certification is hereby made that the authorized individual is the sole officer and that this is in accordance with applicable governing documents.

Please imprint the Corporate Seal or include a copy of the Articles of Incorporation with this form. Copies of the Articles of Incorporation are required if this is a foreign corporation.

SIGNATURE OF CORPORATE OFFICER

Date

X

PRINT NAME