

Letter of Authorization

Please review and sign this Letter of Authorization.

Authorization to Fidelity Brokerage Services LLC ("FBS") and National Financial Services, LLC ("NFS")

By granting this authorization, You (an account owner of a Fidelity® account) are 1) authorizing National Charitable Services LLC ("NCS") to accept instructions from You and/or your authorized Interested Party/Agent/Advisor ("Your Agent") on behalf of FBS to transfer cash and securities from your non-retirement brokerage account held at FBS to Fidelity Charitable®, as a charitable contribution. 2) You understand that NCS shall pass your instructions to FBS, and that FBS and NFS will act on such instructions as if it they received these instructions directly from you and without further confirmation with you. This authorization shall apply only to non-retirement Fidelity brokerage accounts on which you are registered as an owner ("Fidelity Account") and, in the case of Your Agent, for which Your Agent has been authorized with full trading authority or asset movement authorization level 1 or 2. This authorization will only be relied upon when You or Your Agent provide contribution instructions to Fidelity Charitable® for it to provide to FBS. In addition, you authorize FBS and NFS to allow NCS access all of your Fidelity Accounts in connection with making charitable contributions to Fidelity Charitable. This authorization is subject to the terms and conditions described below. Please read these terms and conditions carefully and retain them for your records.

Terms and Conditions for instructions from your Agent

By granting this authorization, You understand and agree that Fidelity Brokerage Services LLC, National Financial Services LLC, and National Charitable Services LLC (collectively hereinafter "Fidelity"), and Fidelity Investments® Charitable Gift Fund ("Fidelity Charitable") will not undertake to confirm Your Agent's representations or instructions or to monitor Your Agent's compliance with your instructions to him or her and will rely solely upon the instructions of Your Agent for these transfers. You understand that You should carefully review your account documentation and monitor all activity in your Fidelity Account and your Giving Account® at Fidelity Charitable. Fidelity may require direct instructions from You on transactions over a certain dollar amount. Upon requests for any account-related activity in your Fidelity Account or your Giving Account® at Fidelity Charitable from Your Agent, Fidelity and/or Fidelity Charitable reserves the right, but is not obligated, to confirm with You any of your or Your Agent's instructions prior to acting on them and to restrict or not accept requests for these transfers, at its/their own discretion. Your Agent is authorized to act for You and on your behalf in the same manner and with the same force and effect as You might or could do to the extent necessary or incidental to the furtherance or conduct of the Fidelity Account in accordance with this authorization or your separate standing instructions. You agree that Your Agent will not conduct activity in your Fidelity Account that exceeds its authority under this authorization or any other agreement governing your Fidelity Account(s). This authorization shall be applicable to all assets You hold in your Fidelity Account(s). No Fidelity entities are affiliated with Your Agent (excluding however, Strategic Advisers, Inc.) and have no relationship except as described in this authorization. Neither Fidelity nor Fidelity Charitable will have any duty to inquire into the authority of Your Agent to engage in particular transactions or to monitor the terms of any oral or written agreement between You and Your Agent. Your Agent is obligated to comply with, and make all disclosures as required by, all applicable state, federal, and industry securities laws and regulations, and interpretations promulgated thereunder, including but not limited to the Investment Advisers Act of 1940, the Securities Exchange Act of 1934, the Investment Company Act of 1940 and the FINRA rules. Neither Fidelity nor Fidelity Charitable will undertake to confirm or ensure that Your Agent remains in compliance with his or her obligations. You agree to indemnify and hold harmless Fidelity Brokerage Services LLC, National Financial Services LLC, National Charitable Services LLC, and Fidelity Investments® Charitable Gift Fund, and any of its affiliates and their respective officers, directors, employees, and agents from and against any and all losses, claims, or financial obligations (including reasonable attorneys' fees) that may arise from any act or omission of Your Agent with respect to your Fidelity Account or Giving Account at Fidelity Charitable.

Other Terms Terms and Conditions

This authorization is a continuing one and shall remain in full force and effect until either Fidelity or Fidelity Charitable is notified in writing of your death, disability or incapacity, or unless revoked through written notice actually received by either Fidelity or Fidelity Charitable. Such revocation, however, shall not affect any prior liability in any way resulting from any transaction initiated before receipt of the revocation. Furthermore, it is understood that this authorization and indemnity is in addition to, and in no way restricts, any rights that may exist at law or under any other agreement(s) between You and Fidelity Brokerage Services LLC, National Financial Services LLC, National Charitable Services LLC, or Fidelity Investments® Charitable Gift Fund. This authorization and indemnity shall be construed, administered, and enforced according to the laws of the Commonwealth of Massachusetts. It shall incure to the benefit of Fidelity and Fidelity Charitable, and of any successor organization(s) (whether by merger, consolidation, or otherwise) irrespective of any change(s) at any time in the personnel thereto for any cause whatsoever and to the benefit of the affiliates and the assigns of Fidelity or Fidelity Charitable or any successor organization. It is further understood that Fidelity and/or Fidelity Charitable reserves the right to cease accepting instructions from You or Your Agent at its sole discretion and for its sole protection.

Fidelity Brokerage Account Owner Signature

Giving Account Number Fidelity Brokerage Account Owner Name				
Fidelity Brokerage Account Owner Signature				Date MM/DD/YYYY
s				
Did you sign the form and attach any necessary documents? Send form and any attachments to Fidelity Charitable. Questions? Go to FidelityCharitable.org or call 800-952-4438.		Fax the form to: 877-665-4274	OR	Mail the form to: Fidelity Charitable PO Box 770001 Cincinnati, OH 45277-0053

Fidelity Charitable is the brand name for the Fidelity Investments® Charitable Gift Fund, an independent public charity with a donor-advised fund program. Various Fidelity companies provide services to Fidelity Charitable. The Fidelity Charitable name and logo, and Fidelity are registered service marks of FMR LLC, used by Fidelity Charitable under license. Giving Account is a registered service mark of the Trustees of Fidelity Charitable. 559239.7.0

1.856441.110 019860501