Deutsche Asset
& Wealth Management

Durable power of attorney

This form is used to designate either one or two agents to act on your behalf on a DWS Fund account. In order to be valid, the last page of the form must include a notary stamp or seal, and be signed by the notary public within the last sixty days. Since an attorney-in-fact can only act for an owner if they have been specifically appointed by that owner, each owner of a joint account must complete a separate form to designate their own attorney(s)-in-fact.

If you are establishing a new account, you must also complete a new account application. Keep in mind that the checkwriting feature is not allowed on any account with a power of attorney designation in the account registration. If you need assistance completing this form, please contact Shareholder Services.

Call: (800) 728-3337 or e-mail: service@db.com

To help the government fight the funding of terrorism and money laundering activities, federal law requires all financial institutions, including Deutsche Asset & Wealth Management, to obtain, verify, and record information that identifies each person who opens an account or person(s) authorized to effect transactions in 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. Some or all of this information will be used to verify the identity of all persons opening an account.

Step 1 Account information

Account Number(s)[1]

Name of Primary Account Owner

Social Security Number on Account (required)

Name of Joint Owner (if any)

(   )

Daytime Phone Number

Extension

E-mail Address

This form does not apply to fiduciary accounts (estates, trusts, guardianships, etc.) or retirement accounts other than IRA accounts (Traditional, Roth, Inherited/Conduit, or SEP) for which DWS Trust Company acts as custodian and DWS Investments Service Company acts as its agent.

Step 2 Power of attorney authorization

I, ______________________________ do hereby make, constitute and appoint,

Name of Owner

Name of Attorney-In-Fact/Agent

Social Security Number of Agent

Date of Birth – MM/DD/YYYY

US Residential Address of Agent (P.O. Box not acceptable)

City

State

Zip

continued on next page

[1] For a non-retirement account(s), a new account number(s) may be assigned upon the addition of Power of Attorney to the account registration(s). This Power of Attorney will be effective for all funds under each new account number.

(   )
Daytime Phone Number of Agent   Extension

Select one: ☐ US Citizen ☐ Resident alien If resident alien, please provide country of citizenship: ____________

Signature of agent (By signing here the attorney-in-fact/agent agrees to the terms and conditions set forth herein.)

I, ______________________________ do hereby make, constitute and appoint,
Name of Owner

Name of Attorney-in-Fact/Agent | Social Security Number of Agent | Date of Birth – MM/DD/YYYY

US Residential Address of Agent (P.O. Box not acceptable) | City | State | Zip

(   )
Daytime Phone Number of Agent   Extension

Select one: ☐ US Citizen ☐ Resident alien If resident alien, please provide country of citizenship: ____________

Signature of agent (By signing here the attorney-in-fact/agent agrees to the terms and conditions set forth herein.)

I authorize my true and lawful attorney(s) or agent(s) ("Attorney(s)-in-Fact") to act severally (if more than one agent is designated, each agent can act alone) in my name, place and stead in any way which I myself could do to give instructions to DWS Investments Service Company with respect to the account(s) listed in Step 1, in order to buy, sell, exchange, transfer or redeem, or make gifts of, securities and, to myself or others, effect transactions for the account(s) or for any account(s) (including, without limitation, any account which is an IRA (e.g., Traditional, Roth, SEP or Inherited/Conduit) or 403(b) plan account for which DWS Trust Company acts as custodian, and any accounts for plans intending to be qualified under section 401(a) of the Internal Revenue Code of 1986, as amended) with identical registration which may be opened at some time in the future while this power of attorney is in full force and effect.

I agree that upon receipt by DWS Investments Service Company of this instrument it may act hereunder, and that revocation or termination hereby shall be ineffective as to DWS Investments Service Company unless and until it shall have received actual notice or knowledge of such revocation or termination.

I hereby agree to indemnify and to hold harmless DWS Investments Service Company, DWS Investments Distributors, Inc., DWS Trust Company, and the registered investment companies advised by Deutsche Investment Management Americas, Inc., and its affiliates and their agents and assigns and each of their respective officers, directors, trustees and employees from any and all claims, liabilities, suits or actions of any sort or nature whatsoever brought or asserted by any person or entity whatsoever for or related to the compliance by DWS Investments Service Company with the instructions contained in this Power of Attorney Authorization ("Authorization") or any and all steps or acts undertaken by DWS Investments Service Company in connection with this Authorization, and for acting upon any instructions, either oral or in writing, believed to have originated from such attorney(s) or agent(s) and all acts of said agent(s) with respect to shares held in my account with respect to such investment companies; and I agree that the foregoing indemnification and hold harmless provision shall extend to and include 1) interest on any of its monies which DWS Investments Service Company may be required to or may expend in compliance with this Authorization and 2) attorney's fees in connection with its defense. This indemnity is a continuing one and shall remain in full force and in effect even upon the disability or incompetence of the undersigned, and shall be binding upon the undersigned's heirs, executors, successors, beneficiaries, or assigns, until revoked by the undersigned by a written notice addressed to DWS Investments Service Company and delivered to its main office; such revocation will become effective as soon as DWS Investments Service Company has had a reasonable amount of time to act upon it. The revocation shall not result in any liability to DWS Investments Service Company or the investment companies advised by Deutsche Asset & Wealth Management with respect to transactions initiated prior to acting on such revocation within a reasonable amount of time after receipt thereof.

I certify that all account information and disclosures made on this form are true and accurate. In addition, I understand that Deutsche Asset & Wealth Management can modify the terms and conditions of this agreement at anytime in the future by providing 30 days' written notice to the address on record for the account.

continued on next page

Step 2	Power of attorney authorization (continued)

My subsequent disability or incompetence shall not revoke or terminate the authority of my Attorney(s)-in-Fact. In witness whereof, I have hereunto signed my name and obtained a notary stamp or seal.

Signature of account owner adding the attorney(s)-in-fact (required) ______________________ Date – MM/DD/YYYY ________

Signature of joint owner (if any) (required) ______________________ Date – MM/DD/YYYY ________

Notary public signature(s)

Affix Notary stamp or seal
(Must be dated within 60 days of our receipt of form.)

State of ______________________

County of ______________________

On this ________ day of ______________________ , __________ before me personally appeared ______________________

and ______________________ to me known to be the individual(s) who executed the foregoing instrument and acknowledged that he/she/they executed the same. In witness whereof I have hereunto signed my name and affixed my seal.

Signature of notary public ______________________ My commission expires ________

Please mail completed form to:

DWS Investments Service Company
P.O. Box 219356
Kansas City, MO 64121-9356

Overnight Address:

DWS Investments Service Company
210 W. 10th Street
Kansas City, MO 64105-1614

Deutsche Asset & Wealth Management represents the asset management and wealth management activities conducted by Deutsche Bank AG or any of its subsidiaries. Clients will be provided Deutsche Asset & Wealth Management products or services by one or more legal entities that will be identified to clients pursuant to the contracts, agreements, offering materials or other documentation relevant to such products or services.

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Deutsche Asset
& Wealth Management

Important notice

Effective August 11, 2014, the DWS funds will be renamed Deutsche funds to better align with the Deutsche Asset & Wealth Management brand. At the same time, the DWS variable insurance portfolios (VIPs) will be renamed Deutsche VIPs and the DWS-branded closed-end funds will be renamed Deutsche. This change has no effect on the day-to-day management of the funds.

A list of all the funds' names is available at dws-investments.com.
Note: the funds' Web address will become deutschefunds.com effective August 11, 2014.

Key service providers will be renamed as follows:

Current name	New name, effective August 11, 2014
DWS Investments Distributors, Inc.	DeAWM Distributors, Inc.
DWS Trust Company	DeAWM Trust Company
DWS Investments Service Company	DeAWM Service Company

Visit dws-investments.com for information about the full range of products and services available in the U.S. through Deutsche Asset & Wealth Management.

With $1.28 trillion of assets under management (as of 12/31/2013), Deutsche Asset & Wealth Management is one of the world's leading investment organizations. Deutsche Asset & Wealth Management offers individuals and institutions traditional and alternative investments across all major asset classes. It also provides tailored wealth management solutions and private banking services to high-net-worth individuals and family offices.

View a prospectus
To obtain a summary prospectus, if available, or prospectus, download one from dws-investments.com or call (800) 728-3337. We advise you to carefully consider the product's objectives, risks, charges and expenses before investing. The summary prospectus and prospectus contain this and other important information about each product. Please read the prospectus carefully before you invest.

Deutsche Asset & Wealth Management is the brand name of the Asset & Wealth Management division of the Deutsche Bank Group. The legal entities offering products or services under the Deutsche Asset & Wealth Management brand are listed in contracts, sales materials and other product information documents.

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