J.P. Morgan Entity Resolution Form

J.P.Morgan

F. General

X 5. RESOLVED, that those individuals identified in above, acting in the manner specified therein, are authorized to delegate the authority granted under the foregoing resolutions to any other person by written appointment submitted to J.P. Morgan and any such appointment shall remain in full force and effect until J.P. Morgan shall receive written notice to the contrary from the Entity

X 6. RESOLVED, that any transaction of the type authorized by the preceding resolutions which has been taken are hereby in all respects approved, confirmed and ratified; and

X 7. RESOLVED, that any resolution certified to J.P. Morgan by the Secretary, or other duly appointed officer of the Entity shall remain in full force and effect until J.P. Morgan shall receive certification of a subsequent resolution amending, superseding or revoking it.

X 8. RESOLVED, any persons authorized to act by the preceding resolutions may utilize the Web site provided by J.P. Morgan (the "Site") via the Internet 24 hours a day, seven days a week to act in the manner indicated in this resolution provided the functionality is available via the Site. Transactions requiring more than one signature to complete will not be available via the Site. Site usage by any Authorized Person is subject to the Web site agreements and disclosures available on the Web site, or via hard copy at your request.

G. Certification of Incumbency (Partnerships should not complete)

The following certificate of incumbency must be completed when the authorized signers are identified by title only. I also certify that the following are officers of this Entity elected or appointed until their successors are elected or appointed and that you shall be entitled to rely upon their continued incumbency and empowerment to act for the Entity until you have been furnished with a duly certified notice to the contrary:

Print name _____ Title _____ Date _____

Date of Birth: m m - d d - y y y y SSN #:

Print name _____ Title _____ Date _____

Date of Birth: m m - d d - y y y y SSN #:

Print name _____ Title _____ Date _____

Date of Birth: m m - d d - y y y y SSN #:

Print name _____ Title _____ Date _____

Date of Birth: m m - d d - y y y y SSN #:

H. Signature (Partnership)

Signatures of all general partners (type or print names next to signatures)

⇨ Signature _____ Print Name and Title _____ Date _____

⇨ Signature _____ Print Name and Title _____ Date _____

⇨ Signature _____ Print Name and Title _____ Date _____

I. Signature (Entities other than Partnerships)

IN WITNESS OF WHICH I have set my hand as Secretary (or other duly authorized officer) of this Entity on this the 2nd day of December 20 11

⇨ Darren Indyke — Signature; Darren Indyke, Secretary — Print Name and Title; December 2, 2011 — Date

J.P. Morgan Use Only | Title | SPN | CAS

2 of 2 | Banker/Investor | 10/10 **US049**

Confidential Treatment Requested by
JPMorgan Chase
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