

peoal instructions IP. Morgan Entity Resolution Form JP Morgan

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. the Secetarr+ .:or duly aJthorized officer) of If\_IGE LLC

(the 'Erilaty`) cdly organized under the I'n #LISV:

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these resOutions

have int bann -nc7 ritied or •ncidified arid are new in full force are:

Pffro. Unless J.P. Morgan is notified in writing, the

authorities granted tereir will supersede all prior authorities granted to

authorized signers for the Resolutions and

Products (e.g., Baniong, Custody, Investment Management, Brokerage. Credit)

whoch you ate currently selecting

below. reuy certify that the lowing is a true and corholete

A. Authorized Signers

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• A photocopy of a current driver's license, passport or another government issued ID and Social Security number are required for each signet listed above.

Please check the line to the left of any one or more of the following resolutions which have been adopted. If the line to

the let of any particular lettered subdivision is eat checked, that resolution has not been pdc.pted. Chi w 1:7rlvaht nerd

may obtain banking. Custody, ard Credit services through Chase Retail Financial Services. Chace Private Client brokerage accounts are with CI5C.

B. Banking and Custody

I F.ES:DLVED, that tne ire; vildri loci:tied above are authorized to enter NO de3.7;5lt and custody accounts with 1.P. Mcegan

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C. Inyestwient Management

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.3.P. Morgan Entity Resolution Form J.P Morgan

1), Brokerage

1. RESOLUTE). that those persons identified above are authorized in Erre name an on neharf of the Entity to execute a

brokerage agreement with 7.P. Morgar Securities LLC arid ary successors Or EISSigriS, t0 porChrlie on margin or orrery\* se and borrow

1,01 a secured or urseoured bass) 'noon, sell (irio .iding stion sales in a margin arrour4), and lend .on a se(ured or unsecured basis)

to. and to otherwise enter irto transactinrs of ary kind weh J.D. Morgan with respect Loony and all securities ard Einancial

instrutrienis watsoeyer n which. Morgar may deal, broker or act as co - interparty from time to. time; to enter into any de -oat -oil

transactions. yoth respect to the foregoing, oncluding over the counter

equity derivatives and structured transactions (including, but not limited to, options, swaps, collars, caps and floors); pledge any funds or instruments for the purpose of securing the Entity's obligations with respect to the foregoing to establish and operate one or more brokerage or other accounts in connection with foregoing activities and transactions; and, to act on behalf of the Entity in all respects regarding the Entity's brokerage accounts

[Credit

4. RESOLVED, that the persons specified above are authorized in the name and on behalf of the Entity: to borrow from time to time from J.P. Morgan sums of money, for periods of time as determined upon their discretion; to calculate notes or other obligations to evidence borrowings; to enter into agreements with respect to borrowings; to discount with Morgan any bills or notes receivable held by the Entity; to execute as they may deem proper: to apply for and obtain letters of credit and to execute applications, agreements, trust deeds and all other documents in connection therewith, to execute and deliver, in their discretion, a promissory note, endorsement or assignment deemed necessary or advisable to carry out the purpose and intent of the foregoing resolutions; to pledge any of the assets or property of the Entity, for the purpose securing or in connection with the foregoing transactions or any transaction entered into by any other entity or person and, to endorse securities and to issue appropriate powers of attorney, documents or assignments in connection thereof,

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 3.P. Morgan shall receive written notice to the contrary from the Entity

X 6 RESOLVED, that every transaction of the type authorized by the foregoing resolutions which has been taken or entered into 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 3.P. Morgan shall receive certification of a subsequent resolution amending, reversing or revoking it.

X 8 RESOLVED, any person 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 intended in this resolution provided the functionality is available via the Site. Transactions requiring more than one click are to be completed via the Site. Site usage by any Authorized Person is subject to the Web site agreements and disclosures available on the Web site, or by hard copy at your request.

G. Certification of Incumbency (Partnerships should not complete)

The following certificate of incumbency first Le certified when the  
authorized officers are identified by title or by name so certify that  
the following officers of the Entity elected or appointed until their  
successors are elected or appointed on: IOW you shall be  
entitled to rely upon their continued incumbency and empowerment to  
the Entity until you have been furnished with a duly  
certified notice to the contrary:

Print Name Print Title

Print Name

, Print Title

Print Name Print

Print Name Title

N. Signature (Partnership)

5 minutes of a General Partners (type or print names, next to signatures)

Signature

Signature Print Name and Title

Title

I. Signature (Entities other than Partnerships)

IN WITNESS WHEREOF I have set my hand as Secretary or other duly  
authorized officer) of this Entity on this the

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LAWRENCE VISOSKI

Print Name and Title day of

5/11/13

Date

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