



Wells Fargo Bank, N.A.
Corporate Trust Services

Certified Copy of General Signature
Resolution Relating to Execution
of Written Instruments

I, Jeffrey K. Carlson, an Assistant Secretary of Wells Fargo Bank, National Association, a national banking association organized under the laws of the United States of America (the "Bank"), hereby certify that:

The following is a true and correct extract from resolutions duly adopted by the Board of Directors of the Bank on November 25, 2003, and that no modification, amendment, rescission or revocation of such resolutions has occurred affecting such extract as of the date of this certificate, and that the resolutions remain in full force and effect on the date hereof:

RESOLVED, that agreements, instruments, or other documents, including amendments and modifications thereto, relating to or affecting the property or business and affairs of the Bank, whether acting for its own account or in a fiduciary or other representative capacity, may be executed in its name by the persons hereinafter authorized;

FURTHER RESOLVED, that for the purposes of these resolutions, "Executive Officer" shall mean any person specifically designated as an Executive Officer of the Bank by resolution of the Board of Directors, and "Signing Officer" shall mean the Chairman of the Board, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, the Treasurer, any Vice President, any Assistant Vice President, any person whose title includes the word "Officer" (e.g., Commercial Banking Officer, Personal Banking Officer, Trust Officer), or any other person whose title has been or is hereafter designated by the Board of Directors as a title for an officer of the Bank, and such officers are hereby authorized to sign agreements, instruments and other documents on behalf of the Bank in accordance with the signing authorities conferred in Parts A, B and C of these resolutions;

A. Executive Officers

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President and any Executive Officer of the Bank, acting alone, may execute agreements, guaranties, instruments or other documents which such officer may deem necessary, proper or expedient to the conduct of the business of the Bank;

B. Vice Presidents and Above

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President and any Vice President, acting alone, may execute on behalf of the Bank:

Deeds, leases, assignments, bills of sale, purchase agreements and other instruments of conveyance to purchase, sell, lease or sublease to or from a third party real property, or any interest therein, for the Bank's own account; provided, however, that such agreements, instruments and other documents may also be signed as hereinafter provided with respect to real property acquired by the Bank in connection with collateral for a loan.

Bonds of indemnity and powers of attorney; provided, however, that proxies to vote stock in a corporation or to vote other interests in other legal entities and stock and bond powers may also be signed as hereinafter provided.

C. Signing Officers

FURTHER RESOLVED, that any Signing Officer, acting alone, may execute on behalf of the Bank, whether acting for its own account or in a fiduciary or other representative capacity:

* * *

Receipts for any funds or other property paid or delivered to the Bank.

Guaranties of signatures, whether appearing as endorsements of bonds, certificates of stock, or other securities, including without limitation medallion guaranties provided in connection with a medallion stamp, or otherwise.

* * *

Agreements and proposals to provide services to or receive services from third parties.

* * *

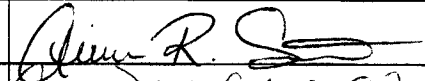

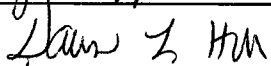

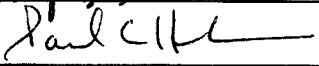
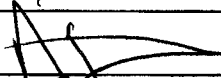
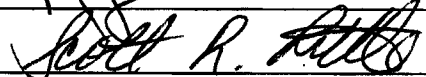
Trust indentures, declarations of trust, trust and agency agreements, pooling and servicing agreements, fiscal and paying agency agreements, acceptances thereof, consents thereto and any similar agreements, however denominated, to which the Bank is a party in a fiduciary or other representative capacity; certificates of authentication or other indicia of valid issuance with respect to bonds, notes, debentures and other securities or obligations issued under any indenture, mortgage, trust or other agreement; certificates for securities deposited, interim certificates and other certificates for and on behalf of the Bank as depository or agent; countersignatures of stocks, bonds, notes, debentures, voting trust certificates, participation certificates and other certificates, instruments, obligations or other securities on behalf of the Bank as trustee, fiscal and paying agent, transfer agent, registrar or in

another similar capacity; and certificates of cancellation and
 cremation of stocks, bonds, debentures or other securities.

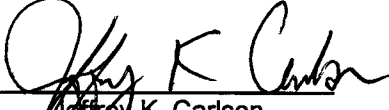
* * *

FURTHER RESOLVED, that the signature of the Secretary or of
 any Assistant Secretary of the Bank shall be required to certify any resolution
 adopted by the Board of Directors of the Bank or any committee thereof, the
 incumbency, title or signature of any officer of the Bank and any designation of
 authority under these resolutions or otherwise, and the Secretary or any
 Assistant Secretary of the Bank may also certify any records or other documents
 created in the ordinary course of the business of the Bank.

I further certify that on the date below, the following named persons were duly
 appointed, qualified and acting Signing Officers of Wells Fargo Bank, N.A., that their
 correct title and genuine signature appears beside their name, and that on said date they were
 duly authorized to act on behalf of the bank as set forth in the foregoing resolution:

NAME	TITLE	SIGNATURE
Andrea R. Scott	Asst Vice President	
Angela M. Weidell-Labathe	Vice President	
Dawn L. Hill	Vice President	
Hiedy Broten	Asst Vice President	
Paul C. Hoek	Vice President	
Regina A. Velasquez	Asst Vice President	
Scott R. Little	Vice President	

IN WITNESS WHEREOF, I have hereunto signed my name this April 14, 2015.



 Jeffrey K. Carlson
 Assistant Secretary

*** Redacted {indicates portions of the resolutions have intentionally been omitted because the
 sections are not relevant to the transaction for which this certification has been requested.}