

## LIMITED LIABILITY COMPANY RESOLUTION CERTIFICATION

BNY Brokerage Services, P.O. Box 9008, Hicksville, NY 11802-9008

I. A	. ACCOUNT INFORMATION						
A	ACCOUNT TITLE:						
A	CC	COUNT NUMBER:					
II. C	II. CERTIFICATION						
lir	WE HEREBY CERTIFY that at a meeting, duly called, of the Members of						
	WHEREAS this Limited Liability Company is duly authorized and permitted by its Operating Agreement (or other govern documents) to:						
(1	(1) Engage in cash and margin transactions in any and all forms of securities including, but not limited to, stocks, optimutual funds, stock options, stock index options, short sales, foreign currency options and debt instrument option bonds, bond debentures, annuities, notes, scrips, participation certificates, rights to subscribe, warrants, certificate of deposit, mortgages, choses in action, evidences of indebtedness, commercial paper certificates or indebtedne and certificates of interest of any and every kind and nature whatsoever, secured or unsecured, whether represent by trust, participating and/or other certificates or otherwise.						
(2	)	(i) Receive on behalf of the Limited Lia including but not limited to the Managir authorized officer or person listed in Se securities and (ii) Sell, assign, and end now registered or hereafter registered	g Members, Members, President, Vice ction III below giving such instruction, r orse for transfer, certificates representin	President, Treasurer or any other monies, stocks, bonds, and other ng stocks, bonds, or other securities			
(3	)	Establish and maintain an asset management which account funds are directly spent					
B M h o fr (3 a to a c e a tt	NOW THEREFORE BE IT RESOLVED that this Limited Liability Company opened an account or accounts in its name with BNY Brokerage Services and that the individuals named in Section III below are the Managing Members ("Managing Members") and they or any one of them acting individually, may, on behalf of this Limited Liability Company, be and they hereby are and each of them hereby is authorized and empowered to (1) give written or oral orders in the said account or accounts for the purchase, sale, or other disposition of stocks, bonds, and other securities, (2) deliver to and receive from Pershing LLC (Pershing), on behalf of this Limited Liability Company monies, stocks, bonds, and other securities, (3) establish and maintain an asset management account with debit card, check writing and margin privileges from which account funds are directly spent with each authorized person as indicated in the separate asset management account agreement having check writing and debit card privileges, (4) order the transfer or delivery of funds, monies or securitie to any other person whatsoever, including the Managing Members, Members, President, Vice President, Treasurer or any other authorized Managing Member indicated below giving such instructions, (5) sign acknowledgements of the correctness of all statements of accounts, and (6) make, execute, and deliver under the corporate seal any and all writte endorsements, releases and documents necessary or proper to effectuate the authority hereby conferred; the within authorization to each of said Managing Members to remain in full force and effect until written notice of the revocation thereof shall have been received by BNY Brokerage Services and Pershing.						
III. CERTIFICATION AND SIGNATURE							
	WE FURTHER CERTIFY that the following are the names, titles and signatures of the Managing Members authorized by the foregoing resolution to act for this Limited Liability Company:						
Manag	jing	Members Name (print:)	Title:	Signature:			
Managing Members Name (print:)			Title:	Signature:			
Managing Members Name (print:)			Title:	Signature:			
Managing Members Name (print:)			Title:	Signature:			

(AFFIX CORPORATE/COMPANY SEAL HERE IF LIMITED LIABILITY COMPANY USES A SEAL. IF A SEAL IS NOT AVAILABLE, PLEASE OBTAIN A NOTARY.)	day of	,20
ALL MEMBERS OF THE LIMITED LIABILITY COMPANY MUST SIG	N	
Member Name (print):		
Signature:	Date:	
Member Name (print):	<u></u>	
Signature:	Date:	
Member Name (print):		
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Member Name (print):		
Signature:	Date:	
Member Name (print):		
Signature:	Date:	

IN WITNESS WHEREOF, We have hereunto set our hand and affixed the seal of said Limited Liability Company this