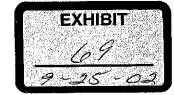
## Corporate Resolutions for Corporate Account

## SALOMON SMITH BARNEY

Amember of catigroup? Account Number 01110166 State of Incorporation The Corporation certifies that the Secretary of the Corporation named above (the "Corporation"), whose name appears beneath the Secretary's Certification (below), has been duly elected to and now holds that office and that the signature appearing opposite his or her name is his or her true signature. Print Name of President/CE0 Signature of President/CEO Note: If the Secretary is empowered to I, being the President/CEO of the Corporation, do hereby Signature of Pre act by the following resolutions, the certify that the Secretary, whose signature appears below, President/CEO of the Corporation must is empowered to act on behalf of the Corporation in execute this supplemental certification. accordance with the following resolutions. CERTIFICATION I hereby certify that I am the Secretary of the Corporation named above, a corporation duly organized and existing under the laws of the State of incorporation, that the Corporation is in good standing and qualified to do business in this state. I further certify that the following is a true, correct and complete copy of resolutions duly adopted at a meeting of the Board of Directors of the Corporation held on the date specified below, at which meeting a quorum was present and voting that such resolutions are in accordance with the charter and by-laws of the Corporation, are in full force and effect and have not been amended, modified or rescinded. IN WITNESS WHEREOF, I have hereunto affixed my hand (and the seal of the Corporation) this day of Narge of Secretary (Print) Signature of Secre Date of Meeting of Board of Directors IAN /10 /a> RESOLVED: FIRST, that the individuals named in the spaces below ("Authorized Person") be and SECOND, that, on behalf of the Corporation, any Authorized Person shall each of them hereby is, authorized and empowered to the fullest extent possible, to act have the fullest authority with respect to the Securities Account including, on behalf of the Corporation, to establish and maintain a cash account, margin account, but not limited to, authority to Business Financial Management Account "BUSINESS FMA"), commodities account give written or oral instructions to SSB with respect to any securities or other account deemed necessary, proper or appropriate (each, a "Securities Account") in, or transaction or service offered in connection with, the Securities with Salomon Smith Barney Inc., its subsidiaries, affiliates and successor firms ("SSB") for the purpose of purchasing, investing in, or otherwise acquiring, setting (including short seiling), possessing, transferring, exchanging, borrowing, piedging or otherwise deposit money, securities and other property of the Corporation in the disposing of and generally dealing in and with cash and any and all forms of securities. Securities Account. including, but not limited to shares, stocks, bonds, debentures, notes, scrip, borrow money from SSB and secure payment thereof with the property participation certificates, rights to subscribe, options, warrants, commodities, of the Corporation, commodity futures and/or options on futures, certificates of deposit, mortgages, evidences of indebtedness, commercial paper, and interests of any and every kind and bind the Corporation to any contract, arrangement or transaction, which nature whatsoever, secured and unsecured, whether represented by trust, participating shall be entered into by any Authorized Person with or through SSB. and/or other certificates or otherwise. make payments related to the Securities Account by checks and/or Print Hame and Title, If Applicable drafts drawn upon the funds of the Corporation, HOMA and Title, If Apolicable 6) deliver money or securities or accept delivery of money or securities, 7) endorse any securities in order to pass ownership thereof or for any Print Name and Title, if Applicable Signature other auroose. direct the sale or exercise of any rights with respect to securities therein, Print Name and 1706, if Applicable Signature sign releases and powers of attorney and enter into contracts and Prive Name and Title, if Applicable agreements, including, but not limited to an SSB Client Agreement, Signature BUSINESS FMA Agreement, and documentation relating to any debit or credit card, the checkwriting privilege, online services, electronic Print Kerne and Tible, II Applicable Skingture fund transfers and other services which are or may be offered in

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connection with the Securities Account, as such documents may be modified from time to time, and any documentation permitted or

Name of Corporation Fed	end-	rans	#1		NC.	State o	A periporation
The Corporation conflies that the Secretary of the Corporation named above (the "Corporation"), whose name appears beneath it (below), has been dury elected to and now holds that office and that the signature appearing opposite his or her name is his or her							
		Signature of			···	is or rice (Ia	sear in 1809 OK 1804
Print Name of President/CEO	chear	X X		2			
Hole: If the Secretary is empowered to	L being the Pre-	sident/CEO of	ilie Corpo	ration	, do hereby	Signature	of Exchange
set by the following resolutions, the President/CEO of the Corporation must	cently that the S	ecretary, who	se signatu	ve app	cars below.	1	11/1/
esecute this supplemental certification	is empowered	to act on bei	half of the	Cor	poralion in	XX	1
	accordance with	h the following	resolution	15.			
CERTIFICATION							
Thereby certify that I am the Secretary of I Corporation is in good standing and qualify a meeting of the Board of Directors of the accordance with the charter and by-laves of	ed to do business in Corporation held o the Corporation, ar	nthis state, filur on the date spec re in tull lorce an	ther certify ified delaw d effect and	thal th , al wi i have	e following is a true, sich meeting a quor not been amended,	correct and sng 2sw Mur so bailibom	l complete copy of esent and voting,
IN WITHESS WHEREOF, I have hereunto:	tilixed my hand (a		. //	lion] II	η2	_q3λ o <sub>1</sub>	
Name of Secretary (Fring)	15	Signature of	a de la company				Date of Meetin
	1 E						
RESOLVED:		Q.					
FIRST, that the individuals named in the spaces below ("Authorized Person") be and 5800KD, that, on behalf of the Corporation, any each of them bento is authorized and empowered to the hidest extent cossible to act have the fullest authority with respect to the Sec							
each of them hereby is, authorized and emp							peci ia ine Seci
on behalf of the Corporation, to establish and				מו ועם	of limited to, auth	Otity to	
Business Financial Management Accounted				1}	give written or or	al instructi	ons to SSB with
or other account deemed necessary, proper or appropriate (each, a "Securities Account") with Salomon Smith Barney Inc., its subsidieries, affiliates and successor furns ("SSB")				•	in, or fransaction or service offered in conn-		
					Account,		
for the purpose of purchasing, investing in				۸.			d other propert
short selling), possessing, bansterning, exchanging, borrowing, pledging or otherwise disposing of and generally dealing in and with cash and any and all forms of securities.				<ol> <li>deposit money, securities and other propert Securities Account,</li> </ol>			
including, but not limited to shares, stocks, bonds, debentures, notes, scrip, participation certificates, rights to subscribe, options, varrants, commodities,				3)	borrow money iro	ricom SSB and secure paymes	
					of the Corporatio	n,	
commodity futures and/or options on fut	ರ್ಗಚ, ಜಗಗಡಗಳ ೧	i oeposit, morti	11065.		North Corners		noted stanct
evidences of indebtedness, commercial paper, and interests of any and every bind and				<ul> <li>4) bind the Corporation to any contract, arrange shall be entered into by any Authorized Per</li> </ul>			
nature whatsoover, secured and unsecured,	Whether represents	a pa purat baupo	io noro				
and/outster certificates or otherwise.				5)	make payments	related to I	the Securities s
Pipping and Tate & photosole	1/12	yu /			drafts drawn upo		
MAN NICHERIC					deliver money or	recurites	or accept delive
Piere Name and The, & Appricable	6 500	11416		6)			
				7}	endorse any sec	utities in o	idet to pass ov
First Name and Tate, if Applicable	Son	alus			other purpose.		
First Korn and Title, I Applicable	Sene	VIVIE		{8	direct the sale or		
A COLOR OF A STAN CAMPA CAMPA CAMPA	~			9)	sign releases ar	of powers	of attorney an
					agreements, inc	luding, but	not limited to
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					or eredit card. If	he chechyr	mino privilent.
Prins Reme and Title, & Applicable	C+-	artus .			fund transfers a connection with modified from	ind other ( the Securi	pervices which Nes Account i
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