

THE GOLDMAN SACHS GROUP, INC.

Assistant Secretary's Certificate

I, BENJAMIN J. RADER, an Assistant Secretary of The Goldman Sachs Group, Inc., a Delaware corporation (the "Corporation"), hereby certify that:

- (a) Attached hereto as Annex A is a true and complete list of each officer of the Corporation;
- (b) Attached hereto as Annex B is a true copy of resolutions duly adopted by the Board of Directors of the Corporation on September 16, 2005 appointing each person named in each such resolution as an authorized person of the Corporation in the capacity specified therein; except as specified therein, such resolutions have not been amended, modified or rescinded and remain in full force and effect;
- (c) Attached hereto as Annex C is a true and correct specimen signature of Wing Yee Veronica Foo, an Assistant Treasurer of the Corporation.

IN WITNESS WHEREOF, I have hereunto signed my name.

Dated: May 7, 2008



Name: Benjamin J. Rader

Title: Assistant Secretary

Officers

Name	Title
Lloyd C. Blankfein	Chairman of the Board and Chief Executive Officer
Gary D. Cohn	President and Co-Chief Operating Officer
Jon Winkelried	President and Co-Chief Operating Officer
J. Michael Evans	Vice Chairman
Michael S. Sherwood	Vice Chairman
John S. Weinberg	Vice Chairman
David A. Viniar	Executive Vice President and Chief Financial Officer
Gregory K. Palm	Executive Vice President, General Counsel and Secretary of the Corporation
Esta E. Stecher	Executive Vice President, General Counsel and Secretary of the Corporation
Alan M. Cohen	Executive Vice President and Global Head of Compliance
Randolph L. Cowen	Co-Chief Administrative Officer
Jeffrey W. Schroeder	Co-Chief Administrative Officer
Sarah E. Smith	Principal Accounting Officer and Controller
John F.W. Rogers	Chief of Staff and Secretary to the Board
Elizabeth E. Beshel	Treasurer
Dane E. Holmes	Director of Investor Relations
Craig W. Broderick	Chief Credit Officer
C. Douglas Fuge	Director of Internal Audit
Timothy J. O'Neill	Senior Strategy Officer
Edith W. Cooper	Global Head of Human Capital Management
Gwen R. Libstag	Global Head of Firmwide Business Selection and Conflict Clearance
Gary B. Schermerhorn	Co-Chief Information Officer
Steven M. Scopellite	Co-Chief Information Officer
Dina Habib Powell	Director of Corporate Engagement
Christopher A. Cole	Assistant Secretary
E. Gerald Corrigan	Assistant Secretary
Richard A. Friedman	Assistant Secretary
David B. Heller	Assistant Secretary
Kevin W. Kennedy	Assistant Secretary
Donald R. Mullen, Jr.	Assistant Secretary
Stuart M. Rothenberg	Assistant Secretary
Richard M. Ruzika	Assistant Secretary
Harvey M. Schwartz	Assistant Secretary
Howard A. Silverstein	Assistant Secretary
Marc A. Spilker	Assistant Secretary
David M. Solomon	Assistant Secretary
Timur F. Galen	Assistant Secretary-Corporate Services
Frances R. Bermanzohn	Deputy General Counsel
Kenneth L. Josselyn	Associate General Counsel and Assistant Secretary
Julie M. Abraham	Assistant Secretary
Beverly L. O'Toole	Assistant Secretary
Benjamin J. Rader	Assistant Secretary
Ida Hoghooghi	Assistant Secretary
Matthew E. Tropp	Assistant Secretary
Russell A. Broome	Assistant Secretary
Steven M. Bunson	Assistant Secretary
Philip V. Guica, Jr.	Assistant Secretary (for the limited purpose of executing tax returns and related documents on behalf of GSAM LP)
Manda J. D'Agata	Assistant Treasurer
Rajashree Datta	Assistant Treasurer
Wing Yee Veronica Foo	Assistant Treasurer
Melody C. Go	Assistant Treasurer
Jason Gorer	Assistant Treasurer
Mokyoung R. Hyun	Assistant Treasurer
Michael E. Kurlander	Assistant Treasurer
Henry S. Webb	Assistant Treasurer
Scott L. Wertheimer	Assistant Treasurer

ANNEX B

AMENDED AND RESTATED SECURITIES ISSUANCE AND BORROWING RESOLUTIONS (EXCERPT) APPROVED BY THE BOARD OF DIRECTORS SEPTEMBER 16, 2005

Loans

RESOLVED, that the Corporation be, and hereby is, authorized to incur at any time, and from time to time, loans, borrowings, advances, and any other indebtedness for borrowed money by the Corporation not covered by the foregoing, which may be either secured or unsecured, and from any institution or individual, and the Corporation be, and hereby is, authorized to transfer or borrow money or securities or lend securities (collectively, "Loans").

RESOLVED, that each Treasury Signatory (as defined below), and any person or persons appointed by any Treasury Signatory in writing be, and each of them hereby is, authorized in the name of and on behalf of the Corporation to sign any loan agreement or other instrument or document effecting or evidencing, in whole or in part, a Loan (including, without limitation, any credit facilities pursuant to which Loans may be made in the future from time to time), and any other documents in connection with the transfer or borrowing of money or securities or the lending of securities (including, without limitation, promissory notes, repurchase agreements, security loan agreements and pledge agreements), in each case as any such person may determine; that each Treasury Signatory be, and each of them hereby is, authorized to prepare, execute and deliver in the name of and on behalf of the Corporation and under its corporate seal or otherwise, any and all designations, applications, certificates and other documents or other instruments to effect such Loans, in each case on such terms and conditions as any Treasury Signatory may determine; that the Board of Directors hereby adopts the form of any and all resolutions required by any such institution or individual to be adopted in connection therewith; and that any General Counsel or any Secretary or Assistant Secretary of the Corporation hereby is directed to attach to this unanimous written consent copies of such resolutions, which resolutions shall be deemed to be adopted by the Board of Directors and incorporated into these resolutions as a part of these resolutions, with the same force and effect as if presented to and approved by the Board of Directors, and any Secretary, Assistant Secretary or General Counsel of the Corporation is empowered and authorized to certify to any such institution or individual that any such form of resolution has been duly adopted by this resolution. For purposes of these resolutions, "Treasury Signatory" shall mean each or any of the Chief Financial Officer, the General Counsels, the Treasurer, the Controller, the Principal Accounting Officer, the Associate General Counsel responsible for Finance and Corporate Legal, any Assistant Treasurer and any other employee of the Corporation or one of its affiliates designated in writing by an Authorized Person as a Treasury Signatory, in each case for so long as such Treasury Signatory is an employee of the Corporation or one of its affiliates.

Bank Accounts

RESOLVED, that each Treasury Signatory, and any person or persons appointed by any Treasury Signatory in writing, be, and each of them hereby is, authorized and directed to open one or

more bank, money market or other similar accounts in the name of the Corporation (for itself or on behalf of any entity in which it is a general partner, managing member, trustee or other similar controlling person) in such banks, trust companies or other financial institutions as any of them may select, and that all checks, drafts and notes for the payment of money drawn against any such accounts shall require the signature of such person or persons as they may direct; that the officers of the Corporation be, and each of them hereby is, authorized to prepare, execute and deliver in the name of and on behalf of the Corporation (for itself or on behalf of any entity in which it is a general partner, managing member, trustee or other similar controlling person) and under its corporate seal or otherwise, such designations, applications, certificates and other documents or other instruments as may be necessary to open such bank, money market or other accounts; that the Board of Directors of the Corporation hereby adopts the form of any and all resolutions required by any such bank, trust company or other financial institution to be adopted in connection therewith; and that any General Counsel or any Secretary or Assistant Secretary of the Corporation hereby is directed to attach to this unanimous written consent copies of such resolutions, which resolutions shall be deemed to be adopted by the Board of Directors and incorporated into these resolutions as a part of these resolutions, with the same force and effect as if presented to and approved by the Board of Directors, and any Secretary, Assistant Secretary or General Counsel of the Corporation is empowered and authorized to certify to any such bank, trust company or other financial institution that any such form of resolution has been duly adopted by this resolution.

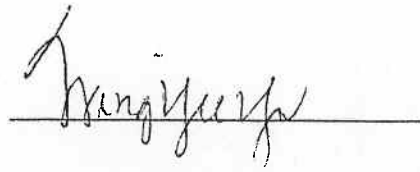
Guarantees

RESOLVED, that the Corporation be, and hereby is, authorized to enter into at any time, and from time to time, guarantees of, and "keep-well agreements", "comfort letters" and other similar agreements or instruments with respect to, any securities, loans, indebtedness, leases, contracts, agreements, undertakings or other obligations or liabilities of any person or entity (collectively, "Guarantees").

RESOLVED, that each Treasury Signatory be, and each of them hereby is, authorized to execute, in the name and on behalf of the Corporation, any agreement or other instrument or document effecting or evidencing, in whole or in part, a Guarantee, in each case as any such Treasury Signatory may determine to be necessary, desirable or appropriate, such necessity, desirability or appropriateness to be conclusively evidenced by execution thereof; that each Treasury Signatory be, and each of them hereby is, authorized to prepare, execute and deliver in the name of and on behalf of the Corporation and under its corporate seal or otherwise, any and all designations, applications, certificates and other documents or other instruments to effect or evidence such Guarantees, in each case on such terms and conditions as any Treasury Signatory may determine to be necessary, desirable or appropriate, such necessity, desirability or appropriateness to be conclusively evidenced by execution thereof; that the Board of Directors hereby adopts the form of any and all resolutions required by any entity or individual to be adopted in connection therewith; and that any General Counsel or any Secretary or Assistant Secretary of the Corporation hereby is directed to attach to this unanimous written consent copies of such resolutions, which resolutions shall be deemed to be adopted by the Board of Directors and incorporated into these resolutions as a part of these resolutions, with the same force and effect as if presented to and approved by the Board of Directors, and any Secretary, Assistant Secretary or General Counsel of the Corporation is empowered and authorized to certify to any such entity or individual that any such form of resolution has been duly adopted by this resolution.

ANNEX C

Wing Yee Veronica Foo

A handwritten signature in black ink, appearing to read 'Wing Yee', is written over a horizontal line.