CIENA CORP Form SC 13G February 04, 2013

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No.)*

NAME OF ISSUER: Ciena Corporation

TITLE OF CLASS OF SECURITIES: Common Stock

CUSIP NUMBER: 171779309

DATE OF EVENT WHICH REQUIRES FILING OF THIS STATEMENT: December 31, 2012

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[X] Rule 13d-1(b)
[] Rule 13d-1(c)
[] Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be 'filed' for the purpose of Section 18 of the Securities Exchange Act of 1934 ('Act') or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP NUMBER: 171779309

- (1) Names of Reporting Persons The Bank of New York Mellon Corporation IRS Identification Nos. of Above Persons IRS No.13-2614959
- (2) Check the Appropriate Box if a Member of a Group (See Instructions)
 (a) () (b) ()
- (3) SEC use only
- (4) Citizenship or Place of Organization New York

Number of Shares (5) Sole Voting Power 5,540,545
Beneficially
Owned by Each (6) Shared Voting Power 3,190
Reporting Person
With (7) Sole Dispositive Power 5,629,663

- (8) Shared Dispositive Power 47,150
- (9) Aggregate Amount Beneficially Owned
 by Each Reporting Person 5,685,071
- (10) Check if the Aggregated Amount in Row (9) Excludes Certain

Shares (see Instructions) () (11) Percent of Class Represented by Amount in Row (9) 5.65% (12) Type of Reporting Person (See Instructions) HC. SCHEDULE 13G Item 1(a) Name of Issuer: Ciena Corporation Item 1(b) Address of Issuer's Principal Executive Office: 7035 Ridge Road Hanover, Maryland 21076 United States Item 2(a) Name of Person Filing: The Bank of New York Mellon Corporation and any other reporting person(s) identified on the second part of the cover page(s) and Exhibit I Address of Principal Business Office, or if None, Residence: Item 2(b) C/O The Bank of New York Mellon Corporation One Wall Street, 31st Floor New York, New York 10286 (for all reporting persons) Item 2(c) Citizenship: See cover page and Exhibit I Title of Class of Securities: Item 2(d) Common Stock CUSIP Number 171779309 Item 3 See Item 12 of cover page(s) ("Type of Reporting Person ") for each reporting person. Symbol Category Broker or Dealer registered under Section 15 of the Securities Exchange Act of 1934 Bank as defined in Section 3(a)(6) of the Securities BK Exchange Act of 1934 Investment Company registered under Section 8 of the ΤV Investment Company Act of 1940 ΙA Investment Advisor registered under Section 203 of the Investment Advisors Act of 1940 Employee Benefit Plan, Pension Fund which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see Section 240.13 - d(1)(b)(1)(ii)(F)= Parent Holding Company, in accordance with Section HC. 240.13-d(1)(b)(1)(ii)(G) Item 4 Ownership: See Item 5 through 9 and 11 of cover page(s)

as to each reporting person.

The amount beneficially owned includes, where appropriate, securities not outstanding which are subject to options, warrants, rights or conversion privileges that are exercisable within 60 days. The securities reported herein as beneficially owned may exclude securities of the issuer with respect to which voting and/or dispositive power is exercised by subsidiaries of The Bank of New York Mellon Corporation, or departments or units thereof, independently from the exercise of those powers over the securities reported herein. See SEC Release No. 34-39538 (January 12, 1998). The filing of this Schedule 13G shall not be construed as an admission that The Bank of New York Mellon Corporation, or its direct or indirect subsidiaries, including The Bank of New York Mellon and BNY Mellon, National Association, are for the purposes of Section 13(d) or 13(g) of the Act, the beneficial owners of any securities covered by this Schedule 13G.

The following information applies if checked: () The Bank of New York Mellon and/or () The Bank of New York Mellon Trust Company, National Association is/are the trustee of the issuer's employee benefit plan (the Plan), which is subject to ERISA. The securities reported include all shares held of record by such reporting person(s) as trustee of the Plan which have not been allocated to the individual accounts of employee participants in the Plan. The reporting person, however, disclaims beneficial ownership of all shares that have been allocated to the individual accounts of employee participants in the Plan for which directions have been received and followed.

Item 5 Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following ()

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

All of the securities are beneficially owned by The Bank of New York Mellon Corporation and its direct or indirect subsidiaries in their various fiduciary capacities. As a result, another entity in every instance is entitled to dividends or proceeds of sale. The number of individual accounts holding an interest of 5% or more is ()

- Item 7 Identification and Classification of the Subsidiary Which Acquired
 the Security Being Reported by the Parent Holding Company:
 See Exhibit I.
- Item 8 Identification and Classification of Members of the Group: N/A
- Item 9 Notice of Dissolution of Group: N/A

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired and are not held in connection with or as a participant in any transaction having such purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct. This filing is signed by The Bank of New York

Mellon Corporation on behalf of all reporting entities pursuant to Rule 13d-1(k) (1) promulgated under the Securities and Exchange Act of 1934, as amended.

Date: February 4, 2013

THE BANK OF NEW YORK MELLON CORPORATION

By: /s/ NICHOLAS R. DARROW

Nicholas R. Darrow Senior Vice President Attorney-In-Fact for The Bank of New York Mellon Corporation

EXHIBIT I

The shares reported on the attached Schedule 13G are beneficially owned by the following direct or indirect subsidiaries of The Bank of New York Mellon Corporation, as marked (X):

- (A) The Item 3 classification of each of the subsidiaries listed below is "Item 3(b) Bank as defined in Section 3(a)(6) of the Act" (15 U.S.C. 78c) or "Item 3(j)A non-U.S. institution in accordance with Rule 240.13d-1 (b)(1)(ii)(J)"
 - (X) The Bank of New York Mellon
 - () The Bank of New York Mellon Trust Company, National Association
 - (X) BNY Mellon, National Association
 - (X) BNY Mellon Trust of Delaware
- (B) The Item 3 classification of each of the subsidiaries listed below is "Item 3(e) An investment adviser in accordance with Section 240.13d-1 (b) (1) (ii) (E)" or "Item 3(j) A non-U.S. institution in accordance with Rule 240.13d-1(b) (1) (ii) (J)"
 - () BNY Mellon ARX Investimentos Ltda (parent holding company of BNY Mellon ARX Ativos Financeiros Ltda)
 - (X) The Boston Company Asset Management LLC
 - (X) The Dreyfus Corporation (parent holding company of MBSC Securities Corporation)
 - () Insight Investment Management (Global) Limited
 - () Lockwood Advisors, Inc.
 - (X) Mellon Capital Management Corporation
 - () Newton Capital Management Limited
 - () Newton Investment Management Limited
 - () Standish Mellon Asset Management Company LLC
 - () Urdang Securities Management, Inc.
 - () Urdang Capital Management, Inc.
 - () Walter Scott & Partners Limited
- (C) The Item 3 classification of each of the subsidiaries listed below is "Item 3(a) Broker or dealer registered under Section 15 of the Act" (15 U.S.C. 78c) or "Item 3(j) A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J)"
 - () MBSC Securities Corporation
 - (X) Pershing LLC
- (D) The Item 3 classification of each of the subsidiaries listed below is "Item 3(q) a parent holding company or control person in accordance with

Rule 13d-1(b)(1)(ii)(G)"

- (X) The Bank of New York Mellon Corporation
- (X) B.N.Y. Holdings (Delaware) Corporation (parent holding company of BNY Mellon Trust of Delaware)
- () Insight Investment Management Limited (parent holding company of Insight Investment Management (Global) Limited)
- (X) MAM (MA) Holding Trust (parent holding company of Standish Mellon Asset Management Company LLC; The Boston Company Asset Management LLC)
- (X) MBC Investments Corporation (parent holding company of Mellon Capital Management Corporation; Mellon JV Limited)
- () BNY Mellon Investment Management Holdings LLC (parent holding company of Mellon International Holdings S.A.R.L.)
- () Mellon International Holdings S.A.R.L. (parent holding company of BNY Mellon International Asset Management Group Limited)
- () BNY Mellon International Asset Management Group Limited (parent holding company of Newton Management Limited; Walter Scott & Partners Limited)
- () BNY Mellon Asset Management International Holdings Limited (parent holding company of BNY Mellon Asset Management Japan Limited)
- () Mellon Overseas Investment Corporation (parent holding company to BNY Mellon Servicos Financeiros Distribuidora de Titulos e Valores Mobiliarios S.A. and (indirect) BNY Mellon Gestao de Patrimonio Ltda)
- () Newton Management Limited (parent holding company of Newton Capital Management Limited; Newton Investment Management Limited)
- (X) Pershing Group LLC (parent holding company of Lockwood Advisors, Inc. and Pershing LLC)
- () The Bank of New York Mellon SA/NV (parent holding company of BNY Mellon Service Kapitalanlage-Gesellschaft mbH)
- () Mellon JV Limited (parent holding company of BNY Mellon Investment Holdings (Germany) Limited)
- () BNY Mellon Investment Holdings (Germany) Limited (parent holding company of Meriten Investment Management)

NOTE: ALL OF THE LEGAL ENTITIES LISTED UNDER (A), (B), (C) AND (D) ABOVE ARE DIRECT OR INDIRECT SUBSIDIARIES OF THE BANK OF NEW YORK MELLON CORPORATION. BENEFICIAL OWNERSHIP OF MORE THAN FIVE PERCENT OF THE CLASS BY ANY ONE OF THE SUBSIDIARIES OR INTERMEDIATE PARENT HOLDING COMPANIES LISTED ABOVE IS REPORTED ON A JOINT REPORTING PERSON PAGE FOR THAT SUBSIDIARY ON THE ATTACHED SCHEDULE 13G AND IS INCORPORATED IN THE TOTAL PERCENT OF CLASS REPORTED ON THE BANK OF NEW YORK MELLON CORPORATION'S REPORTING PERSON PAGE. (DO NOT ADD THE SHARES OR PERCENT OF CLASS REPORTED ON EACH JOINT REPORTING PERSON PAGE ON THE ATTACHED SCHEDULE 13G TO DETERMINE THE TOTAL PERCENT OF CLASS FOR THE BANK OF NEW YORK MELLON CORPORATION).

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS that each of the undersigned (each a "Company") does hereby make, constitute and appoint each of Kenneth J. Bradle, Sri Gupta, John E. Thomas, Jr., Nicholas R. Darrow, (and any other employee of The Bank of New York Mellon Corporation, or one of its affiliates, designated in writing by one of the attorneys-in-fact), acting individually, its true and lawful attorney, to execute and deliver in its name and on its behalf, whether the Company is acting individually or as representative of others, any and all filings, be they written or oral, required to be made by the Company with respect to securities which may be deemed to be beneficially owned by the Company

or under the Company's investment discretion under:

*the Securities Exchange Act of 1934, as amended (the "Exchange Act"), including those filings required to be submitted on Form 13F, Schedule 13G and Form SH, and

*the laws of any jurisdiction other than the United States of America, including those filings made to disclose securities holdings as required to be submitted to regulatory agencies, exchanges and/or issuers,

giving and granting unto each said attorney-in-fact power and authority to correspond with issuers, regulatory authorities, and other entities as is required in support of the filings referenced above, and to act in the premises as fully and to all intents and purposes as the Company might or could do to comply with the applicable regulations if personally present by one of its authorized signatories (including, but not limited to, instructing local counsel on a Company's behalf), hereby ratifying and confirming all that said attorney-in-fact shall lawfully do or cause to be done by virtue hereof.

THIS POWER OF ATTORNEY shall remain in full force and effect until either revoked in writing by the Company or until such time as the person or persons to whom power of attorney has been hereby granted cease(s) to be an employee of The Bank of New York Mellon Corporation or one of its affiliates.

This Power of Attorney may be executed in any number of counterparts all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned hereby execute this Agreement effective as of the date set forth below.

| Banks/Bank Holding Companies |

THE BANK OF NEW YORK MELLON CORPORATION

By: /S/ RONALD P. O'HANLEY
----Ronald P. O'Hanley
Vice Chairman

Date: October 12, 2009

THE BANK OF NEW YORK MELLON

By: /S/ GERALD L. HASSELL

Gerald L. Hassell

President

Date: October 12, 2009

THE BANK OF NEW YORK MELLON TRUST COMPANY, NATIONAL ASSOCIATION

By: /S/ KAREN A. BAYZ

----Karen A. Bayz
Managing Director and
Chief Financial Officer
Date: October 13, 2009

BNY MELLON, NATIONAL ASSOCIATION

By: /S/ GERALD L. HASSELL

Gerald L. Hassell

President

Date: October 12, 2009

THE BANK OF NEW YORK MELLON

By: /S/ DONALD R. MONKS

Donald R. Monks

Vice Chairman

Date: October 12, 2009

THE BANK OF NEW YORK MELLON TRUST COMPANY, NATIONAL ASSOCIATION

By: /S/ JOHN A. PARK

John A. Park

Executive Vice President

Date: October 9, 2009

BNY MELLON TRUST OF DELAWARE BNY MELLON TRUST OF DELAWARE By: /S/ DAVID B. KUTCH By: /S/ DONALD R. MONKS _____ _____ David B. Kutch Donald R. Monks Senior Executive Vice President Chairman and Chief Executive Officer Date: October 12, 2009 Date: October 12, 2009 Investment Advisers and/or Broker-Dealers PERSHING LLC By: /S/ GARY JOHNSON _____ Gary Johnson Managing Director Date: December 10, 2010 BNY MELLON ARX INVESTIMENTOS LTDA BNY MELLON ARX INVESTIMENTOS LTDA By: /S/ JOSE CARLOS LOPES XAVIER By: /S/ MARCELO PERIERA DA SILVA DE OLIVEIRA _____ _____ Jose Carlos Lopes Xavier De Oliveira Marcelo Periera da Silva Chief Executive Officer Chief Financial Officer Date: January 4, 2010 Date: January 4, 2010 BNY MELLON SERVICOS FINANCEIROS DISTRIBUIDORA DE TITULOS E VALORES BNY MELLON SERVICOS FINANCEIROS BNY MELLON SERVICOS FINANCEIROS DISTRIBUIDORA DE TITULOS E VALORES MOBILIARIOS S.A MOBILIARIOS S.A By: /S/ MARCELO PERIERA DA SILVA By: /S/ JOSE CARLOS LOPES XAVIER DE OLIVEIRA Jose Carlos Lopes Xavier De Oliveira Marcelo Periera da Silva Chief Executive Officer Chief Financial Officer Chief Executive Officer Date: January 4, 2010 Date: January 4, 2010 BNY MELLON ARX ATIVOS FINANCEIROS BNY MELLON ARX ATIVOS FINANCEIROS LTDA By: /S/ JOSE CARLOS LOPES XAVIER By: /S/ MARCELO PERIERA DA SILVA DE OLIVEIRA ______ Jose Carlos Lopes Xavier De Oliveira Marcelo Periera da Silva Chief Executive Officer Chief Financial Officer Date: January 4, 2010 Date: January 4, 2010

BNY MELLON GESTAO DE PATRIMONIO LTDA BNY MELLON GESTAO DE PATRIMONIO LTDA

By: /S/ JOSE CARLOS LOPES XAVIER By: /S/ MARCELO PERIERA DA SILVA

DE OLIVEIRA

Jose Carlos Lopes Xavier De Oliveira Chief Executive Officer

Date: January 4, 2010

Marcelo Periera da Silva Chief Financial Officer Date: January 4, 2010

THE BOSTON COMPANY ASSET MANAGEMENT

THE BOSTON COMPANY ASSET MANAGEMENT

By: /S/ DAVE CAMERON

Dave Cameron

Chairman, President and Chief Executive Officer

Date: October 12, 2009

By: /S/ JOSEPH P. GENNACO _____

Joseph P. Gennaco

Executive Vice President and Chief Operating Officer

Date: October 12, 2009

BNY MELLON ASSET MANAGEMENT JAPAN LIMITED

BNY MELLON ASSET MANAGEMENT JAPAN

LIMITED

By: /S/ SHOGO YAMAGUCHI _____

> Shogo Yamaguchi President and

Representative Director Date: December 29,2009

By: /S/ DAVID JIANG -----

> David Jiang Chairman and

Representative Director Date: December 29,2009

THE DREYFUS CORPORATION

INSIGHT INVESTMENT (Global)

By: /s/ CHARLES FARQUHARSON

MANAGEMENT LIMITED

By: /S/ JAMES BITETTO

James Bitetto Corporate Secretary Date: October 7, 2009

Charles Farquharson Chief Risk Officer Date: December 04, 2009

LOCKWOOD ADVISORS, INC.

By: /S/ DON MARCHESIELLO

Don Marchesiello

President

Date: October 6, 2009

MBSC SECURITIES CORPORATION

MELLON CAPITAL MANAGEMENT CORPORATION

By: /S/ CHARLES J. JACKLIN _____

Charles J. Jacklin President and CEO

Date: October 8, 2009

By: /S/ KENNETH J. BRADLE _____

Kenneth J. Bradle

President.

Date: October 28, 2009

NEWTON INVESTMENT MANAGEMENT LIMITED

By: /S/ ANDREW DOWNS

_____ Andrew Downs

By: /S/ ANDREW DOWNS

NEWTON CAPITAL MANAGEMENT LIMITED

Andrew Downs

8

Chief Operating Officer Chief Operating Officer Date: November 6, 2009 Date: November 6, 2009 STANDISH MELLON ASSET MANAGEMENT PERSHING GROUP LLC COMPANY LLC By: /S/ DESMOND MAC INTYRE By: /S/ BRIAN T. SHEA Desmond Mac Intyre Brian T. Shea President and CEO Managing Director Date: November 19, 2009 Date: October 9, 2009 URDANG CAPITAL MANAGEMENT, INC. URDANG CAPITAL MANAGEMENT, INC. By: /S/ RICHARD J. FERST By: /S/ E. TODD BRIDDELL .____ Richard J. Ferst E. Todd Briddell President and Managing Director and Chief Operating Officer Chief Investment Officer Date: October 15, 2009 Date: October 15, 2009 URDANG SECURITIES MANAGEMENT, INC. URDANG SECURITIES MANAGEMENT, INC. By: /S/ E. TODD BRIDDELL By: /S/ RICHARD J. FERST ______ _____ E. Todd Briddell Richard J. Ferst Managing Director President and and Chief Investment Officer Chief Operating Office Date: October 15, 2009 Date: October 15, 2009 WALTER SCOTT & PARTNERS LIMITED WALTER SCOTT & PARTNERS LIMITED By: /S/ ANNA NICHOLL By: /S/ CAROL-ANN FRASER _____ _____ Anna Nicholl Carol-Ann Fraser Chief Compliance Officer Compliance Officer Date: October 8, 2009 Date: October 8, 2009 Parent Holding Companies/Control Persons _____ B.N.Y. HOLDINGS (DELAWARE) CORPORATION By: /S/ JOHN A. PARK John A. Park Senior Vice President Date: October 9, 2009 BNY MELLON ASSET MANAGEMENT BNY MELLON ASSET MANAGEMENT INTERNATIONAL HOLDINGS LIMITED INTERNATIONAL HOLDINGS LIMITED By: /S/ GREG BRISK By: /S/ SHONA SPENCE

Shona Spence

Greg Brisk

Director Director

Date: October 12, 2009 Date: October 15, 2009

BNY MELLON INTERNATIONAL ASSET MANAGEMENT GROUP LIMITED

By: /S/ JEREMY N. BASSIL

Jeremy N. Bassil Director

Date: October 13, 2009

MAM (MA) HOLDING TRUST

By: /S/ RONALD P. O'HANLEY

Ronald P. O'Hanley

President

Date: October 9, 2009

MELLON INTERNATIONAL HOLDINGS

S.A.R.L.

By: /S/ JON LITTLE

Jon Little Manager

Date: October 9, 2009

NEWTON MANAGEMENT LIMITED

By: /S/ HELENA MORRISSEY

Helena Morrissey

Director

Date: October 15, 2009

MELLON OVERSEAS INVESTMENT

CORPORATION

By: /S/ JON LITTLE

Jon Little

Chairman, President And Chief Executive Officer

Date: December 04, 2009

BNY INTERNATIONAL FINANCING

CORPORATION

By: /S/ FRED RICCIARDI

Fred Ricciardi President

Date: August 30, 2010

MBC INVESTMENTS CORPORATION

By: /S/ GORDON MOTTER

Gordon Motter

Chairman, President and CEO

Date: October 9, 2009

MELLON INTERNATIONAL HOLDINGS

S.A.R.L.

By: /S/ EDWARD KEMP

Edward Kemp Director

Date: October 16, 2009

NEWTON MANAGEMENT LIMITED

By: /S/ ANDREW DOWNS

Andrew Downs Director

Date: November 6, 2009

INSIGHT INVESTMENT MANAGEMENT

LIMITED

By: /S/ CHARLES FARQUHARSON

_____ Charles Farquharson

Chief Risk Officer

Date: December 04, 2009

THE BANK OF NEW YORK MELLON SA/NV

By: /S/ JEAN-CHRISTOPHEMATHONET

Jean-ChristopheMathonet Managing Director

Date: October 4, 2010

BNY MELLON INVESTMENT HOLDINGS (GERMANY) LIMITED

MELLON JV LIMITED

By: /S/ MARTIN TILLERT

Martin Tillert
Managing Director
Date: January 10, 2013

BNY MELLON INVESTMENT MANAGEMENT HOLDINGS LLC

| Fund Administrators |

BNY MELLON SERVICE KAPITALANLAGE-GESELLSCHAFT mbH

By: /S/ CAROLINE SPECHT

Caroline Specht

Managing Director, Head of Business Strategy and Legal

Date: August 24, 2010

MERITEN INVESTMENT MANAGEMENT

Werner Taiber

By: /S/ WERNER TAIBER

Chief Execution Officer

Date: December 12, 2012

MERITEN INVESTMENT MANAGEMENT

By: /S/ DR. NORBERT BECKER

Dr. Norbert Becker
Deputy Chief Execution Officer

Date: December 12, 2012

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) (1) under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), the undersigned hereby agree to any and all joint filings required to be made on their behalf on Schedule 13G (including amendments thereto) under the Exchange Act, with respect to securities which may be deemed to be beneficially owned by them under the Exchange Act, and that this Agreement be included as an Exhibit to any such joint filing. This Agreement may be executed in any number of counterparts all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned hereby execute this Agreement effective as of the date set forth below.

E CARLOS LOPES XAVIER DLIVEIRA	Ву:	/S/ MARCELO PERIERA DA SILVA
ARX INVESTIMENTOS LTDA	BNY	MELLON ARX INVESTIMENTOS LTDA
nnson g Director mber 10, 2010		
RY JOHNSON		
Investment Advi	sers and/or	Broker-Dealers
per 12, 2009	Date	: October 12, 2009
n and Recutive Officer		Senior Executive Vice Presiden
. Kutch		Donald R. Monks
ID B. KUTCH	By: /	S/ DONALD R. MONKS
TRUST OF DELAWARE	BNY	MELLON TRUST OF DELAWARE
per 13, 2009	Date	: October 9, 2009
g Director and		John A. Park Executive Vice President
EN A. BAYZ	_	/S/ JOHN A. PARK
TIONAL ASSOCIATION		ANY, NATIONAL ASSOCIATION
NEW YORK MELLON TRUST	тнг	BANK OF NEW YORK MELLON TRUST
nt per 12, 2009		Vice Chairman : October 12, 2009
L. Hassell		Donald R. Monks
ALD L. HASSELL		/s/ DONALD R. MONKS
NEW YORK MELLON	THE	BANK OF NEW YORK MELLON
per 09, 2009		: October 12, 2009
P. O'Hanley		Gerald L. Hassell President
ALD P. O'HANLEY	By:	/s/ GERALD L. HASSELL
NEW YORK MELLON	BNY	MELLON, NATIONAL ASSOCIATION
	ALD P. O'HANLEY O. O'Hanley Airman Der 09, 2009 NEW YORK MELLON ALD L. HASSELL OHASSELL OHAS	ALD P. O'HANLEY D. O'HANLEY D. O'HANLEY DITAMAN DET 09, 2009 DATE NEW YORK MELLON THE ALD L. HASSELL DET 12, 2009 DATE NEW YORK MELLON TRUST THE TIONAL ASSOCIATION THE TOOMAL ASSOCIATION THE TOOMAL ASSOCIATION THE THE TIONAL ASSOCIATION THE THE TOOMAL ASSOCIATION THE THE TOOMAL ASSOCIATION THE TOOMAL ASSOCIATION THE TOOMAL ASSOCIATION THE THE THE THE THE THE THE TH

Chief Executive Officer Chief Financial Officer Date: January 4, 2010 Date: January 4, 2010

BNY MELLON SERVICOS FINANCEIROS MOBILIARIOS S.A

By: /S/ JOSE CARLOS LOPES XAVIER By: /S/ MARCELO PERIERA DA SILVA

DE OLIVEIRA

Jose Carlos Lopes Xavier De Oliveira Marcelo Periera da Silva Chief Executive Officer Chief Financial Officer Jose Carlos Lopes Advier 20 Chief Executive Officer Chief Financial CL Date: January 4, 2010

Date: January 4, 2010

LTDA

By: /S/ JOSE CARLOS LOPES XAVIER By: /S/ MARCELO PERIERA DA SILVA DE OLIVEIRA

Jose Carlos Lopes Xavier De Oliveira Chief Executive Officer

Date: January 4, 2010

BNY MELLON GESTAO DE PATRIMONIO LTDA

By: /S/ JOSE CARLOS LOPES XAVIER DE OLIVEIRA

Chief Executive Officer

Date: January 4, 2010

THE BOSTON COMPANY ASSET MANAGEMENT

By: /S/ DAVE CAMERON

Dave Cameron Chairman, President and Chief Executive Officer

Date: October 12, 2009

BNY MELLON ASSET MANAGEMENT JAPAN LIMITED

By: /S/ SHOGO YAMAGUCHI _____

Shogo Yamaguchi President and

Representative Director Date: December 29,2009

THE DREYFUS CORPORATION

BNY MELLON SERVICOS FINANCEIROS BNY MELLON SERVICOS FINANCEIROS

DISTRIBUIDORA DE TITULOS E VALORES

DISTRIBUIDORA DE TITULOS E VALORES MOBILIARIOS S.A

BNY MELLON ARX ATIVOS FINANCEIROS BNY MELLON ARX ATIVOS FINANCEIROS LTDA

Marcelo Periera da Silva Chief Financial Officer Date: January 4, 2010

BNY MELLON GESTAO DE PATRIMONIO LTDA

By: /S/ MARCELO PERIERA DA SILVA

Jose Carlos Lopes Xavier De Oliveira Marcelo Periera da Silve Chief Financial Officer Marcelo Periera da Silva Date: January 4, 2010

> THE BOSTON COMPANY ASSET MANAGEMENT LLC

By: /S/ JOSEPH P. GENNACO _____

> Joseph P. Gennaco Executive Vice President and Chief Operating Officer

Date: October 12, 2009

BNY MELLON ASSET MANAGEMENT JAPAN LIMITED

By: /S/ DAVID JIANG

_____ David Jiang

Chairman and Representative Director Date: December 29,2009

INSIGHT INVESTMENT (Global)

MANAGEMENT LIMITED

By: /S/ JAMES BITETTO

James Bitetto Corporate Secretary

Date: October 7, 2009

By: /s/ CHARLES FARQUHARSON

Charles Farquharson Chief Risk Officer Date: December 04, 2009

LOCKWOOD ADVISORS, INC.

By: /S/ DON MARCHESIELLO

Don Marchesiello

President

Date: October 6, 2009

MBSC SECURITIES CORPORATION

MELLON CAPITAL MANAGEMENT

CORPORATION

By: /S/ CHARLES J. JACKLIN

______ Charles J. Jacklin

President and CEO Date: October 8, 2009 By: /S/ KENNETH J. BRADLE _____

Kenneth J. Bradle

President

Date: October 28, 2009

NEWTON INVESTMENT MANAGEMENT LIMITED

By: /S/ ANDREW DOWNS

Andrew Downs

Chief Operating Officer

Date: November 6, 2009

NEWTON CAPITAL MANAGEMENT LIMITED

By: /S/ ANDREW DOWNS

_____ Andrew Downs

Chief Operating Officer

Date: November 6, 2009

STANDISH MELLON ASSET MANAGEMENT

COMPANY LLC

By: /S/ DESMOND MAC INTYRE

Desmond Mac Intyre President and CEO

Date: November 19, 2009

PERSHING GROUP LLC

By: /S/ BRIAN T. SHEA

Brian T. Shea Managing Director

Date: October 9, 2009

URDANG CAPITAL MANAGEMENT, INC.

By: /S/ RICHARD J. FERST

Richard J. Ferst President and

Chief Operating Officer

Date: October 15, 2009

URDANG CAPITAL MANAGEMENT, INC.

By: /S/ E. TODD BRIDDELL _____

E. Todd Briddell

Managing Director and Chief Investment Officer

Date: October 15, 2009

URDANG SECURITIES MANAGEMENT, INC.

By: /S/ E. TODD BRIDDELL

E. Todd Briddell Managing Director

and Chief Investment Officer

URDANG SECURITIES MANAGEMENT, INC.

By: /S/ RICHARD J. FERST

Richard J. Ferst

President and

Chief Operating Office

Date: October 15, 2009 Date: October 15, 2009

WALTER SCOTT & PARTNERS LIMITED WALTER SCOTT & PARTNERS LIMITED

By: /S/ ANNA NICHOLL By: /S/ CAROL-ANN FRASER

Anna Nicholl Carol-Ann Fraser

Chief Compliance Officer Compliance Officer
Date: October 8, 2009 Date: October 8, 2009

Parent Holding Companies/Control Persons

| Parent Holding Companies/Control Persons |

B.N.Y. HOLDINGS (DELAWARE) CORPORATION

By: /S/ JOHN A. PARK

John A. Park

Senior Vice President

Date: October 9, 2009

BNY MELLON ASSET MANAGEMENT INTERNATIONAL HOLDINGS LIMITED

By: /S/ GREG BRISK

Greg Brisk

Director

Date: October 12, 2009

BNY MELLON INTERNATIONAL ASSET

MANAGEMENT GROUP LIMITED

By: /S/ JEREMY N. BASSIL

Jeremy N. Bassil

Director

Date: October 13, 2009

MAM (MA) HOLDING TRUST

By: /S/ RONALD P. O'HANLEY

Ronald P. O'Hanley President

Date: October 9, 2009

MELLON INTERNATIONAL HOLDINGS

S.A.R.L.

By: /S/ JON LITTLE

Jon Little

Manager

Date: October 9, 2009

BNY MELLON ASSET MANAGEMENT INTERNATIONAL HOLDINGS LIMITED

By: /S/ SHONA SPENCE

Shona Spence

Director

Date: October 15, 2009

MBC INVESTMENTS CORPORATION

By: /S/ GORDON MOTTER

Gordon Motter

Chairman, President and CEO

Date: October 9, 2009

MELLON INTERNATIONAL HOLDINGS

S.A.R.L.

By: /S/ EDWARD KEMP

Edward Kemp Director

Date: October 16, 2009

NEWTON MANAGEMENT LIMITED NEWTON MANAGEMENT LIMITED By: /S/ HELENA MORRISSEY By: /S/ ANDREW DOWNS _____ _____ Helena Morrissey Andrew Downs Director Director Date: November 6, 2009 Date: October 15, 2009 MELLON OVERSEAS INVESTMENT INSIGHT INVESTMENT MANAGEMENT CORPORATION LIMITED By: /S/ JON LITTLE By: /S/ CHARLES FARQUHARSON _____ _____ Jon Little Charles Farquharson Chairman, President And Chief Risk Officer Chief Executive Officer Date: December 04, 2009 Date: December 04, 2009 BNY INTERNATIONAL FINANCING THE BANK OF NEW YORK MELLON SA/NV CORPORATION By: /S/ FRED RICCIARDI By: /S/ JEAN-CHRISTOPHEMATHONET ______ ______ Fred Ricciardi Jean-ChristopheMathonet President Managing Director Date: August 30, 2010 Date: October 4, 2010 BNY MELLON INVESTMENT HOLDINGS MELLON JV LIMITED (GERMANY) LIMITED By: /S/ MARTIN TILLERT _____ Martin Tillert Managing Director Date: January 10, 2013 BNY MELLON INVESTMENT MANAGEMENT HOLDINGS LLC Fund Administrators BNY MELLON SERVICE KAPITALANLAGE-

GESELLSCHAFT mbH

By: /S/ CAROLINE SPECHT

Caroline Specht

Managing Director, Head of Business Strategy and Legal

Date: August 24, 2010

MERITEN INVESTMENT MANAGEMENT

By: /S/ WERNER TAIBER

Werner Taiber

Chief Execution Officer Deputy Chief Execution
Date: December 12, 2012 Date: December 12, 2012

MERITEN INVESTMENT MANAGEMENT

By: /S/ DR. NORBERT BECKER

Dr. Norbert Becker Deputy Chief Execution Officer