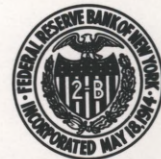


**FEDERAL RESERVE BANK OF
NEW YORK**

AUTHORIZED SIGNATURES

March 1993



SECOND FEDERAL RESERVE DISTRICT

The facsimile signatures contained herein are for the purpose of verifying the signatures of the Chairman and Deputy Chairman, and the officers of the Federal Reserve Bank of New York and its Buffalo Branch, on documents executed on behalf of the Bank or the Branch.

Access to this document should be restricted to persons requiring access for such purpose.

FEDERAL RESERVE BANK OF NEW YORK

March 1993

To All Depository Institutions in the Second Federal Reserve District:

This pamphlet contains the facsimile signatures of the Chairman and Deputy Chairman of the Board of Directors of the Federal Reserve Bank of New York and of the officers authorized to sign on behalf of this Bank and its Buffalo Branch. It supersedes the pamphlet issued in March 1992.

Evidence of the signing authority of other Bank employees — including Bank personnel who have authority to sign correspondence and reconcilements and those who have authority to sign documents “per procuracy” or to sign on behalf of the Bank as fiscal agent of the United States, Government agencies, or international organizations — may be obtained upon written request directed to our Personnel Department, or to the departments of this Bank with responsibility for the activities to which the documents relate.

All checks or drafts payable in foreign countries, and all foreign correspondence authorizing payments or transfers of funds, or delivery of securities or other property, must bear the authorized signatures of two officers, and one of such signatures must be that of the President, the First Vice President, an executive vice president, a senior vice president, a vice president, an assistant vice president, or any other officer of equivalent rank.

All instruments, documents, correspondence, and other papers in connection with the transaction of domestic business need bear but one authorized signature.

E. GERALD CORRIGAN,
President.

**Facsimile Signatures of the
Chairman of the Board and Federal Reserve Agent
and the Deputy Chairman of the Board**

ELLEN V. FUTTER, Chairman of the Board of Directors,
and Federal Reserve Agent

A handwritten signature in cursive script that reads "Ellen V. Futter".

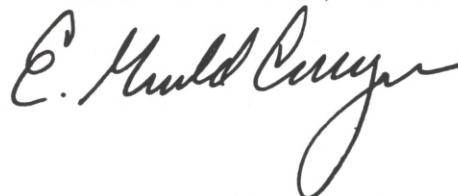
MAURICE R. GREENBERG, Deputy Chairman of the Board
of Directors

A handwritten signature in cursive script that reads "M. R. Greenberg".

Facsimile Signatures of Officers Authorized to Sign
for the Federal Reserve Bank of New York

PRESIDENT

E. GERALD CORRIGAN, President



FIRST VICE PRESIDENT

JAMES H. OLTMAN, First Vice President



EXECUTIVE VICE PRESIDENTS

SUZANNE CUTLER, Executive Vice President



RICHARD G. DAVIS, Executive Vice President and
Director of Research



CHESTER B. FELDBERG, Executive Vice President



WILLIAM J. McDONOUGH, Executive Vice President



ERNEST T. PATRIKIS, Executive Vice President
and General Counsel



ROBERTA J. PUSCHEL, Executive Vice President



ISRAEL SENDROVIC, Executive Vice President



SENIOR VICE PRESIDENTS AND
OFFICERS OF EQUIVALENT RANK

THOMAS C. BAXTER, Jr., Counsel



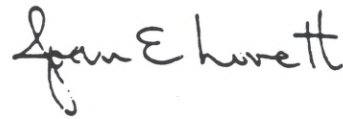
JOYCE M. HANSEN, Counsel



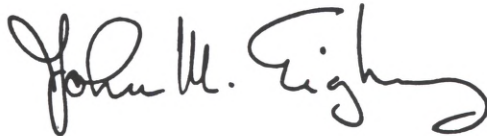
RALPH A. CANN, III, Senior Vice President



JOAN E. LOVETT, Senior Vice President



JOHN M. EIGHMY, Senior Vice President



CHARLES M. LUCAS, Senior Vice President



MARGARET L. GREENE, Senior Vice President



WILLIAM L. RUTLEDGE, Senior Vice President



J. ANDREW SPINDLER, Senior Vice President



VICE PRESIDENTS AND OFFICERS OF
EQUIVALENT RANK

M. AKBAR AKHTAR, Vice President and
Assistant Director of Research



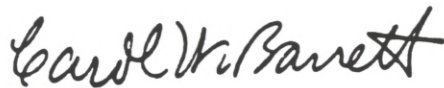
OM P. BAGARIA, Vice President



PETER BAKSTANSKY, Vice President



CAROL W. BARRETT, Vice President



PAUL B. BENNETT, Vice President



JOSEPH P. BOTTA, Vice President



TERRENCE J. CHECKI, Assistant to the President



MARY R. CLARKIN, Vice President



CHRISTINE M. CUMMING, Vice President



PETER RYERSON FISHER, Vice President



EDWARD J. FRYDL, Vice President and
Assistant Director of Research



PETER J. FULLEN, Vice President



STEVEN J. GAROFALO, Vice President



JAMES H. GAVER, Vice President



RICHARD J. GELSON, Vice President



WHITNEY R. IRWIN, Vice President



VICE PRESIDENTS AND OFFICERS OF
EQUIVALENT RANK (Continued)

GEORGE R. JUNCKER, Vice President



PATRICIA Y. JUNG, Vice President



CHRISTOPHER J. MCCURDY, Vice President



SUSAN F. MOORE, Vice President



ROBERT V. MURRAY, Vice President



KATHLEEN A. O'NEIL, Vice President



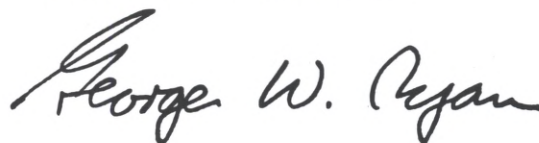
ROBERT A. O'SULLIVAN, Vice President



DAVID L. ROBERTS, Vice President



GEORGE W. RYAN, Vice President



BRADLEY K. SABEL, Counsel



JOHN F. SOBALA, Vice President



CARL W. TURNIPSEED, Vice President



DONALD T. VANGEL, Vice President



BARBARA L. WALTER, Vice President



BETSY BUTTRILL WHITE, Vice President



HERBERT W. WHITEMAN, JR., Vice President



ASSISTANT VICE PRESIDENTS AND
OFFICERS OF EQUIVALENT RANK

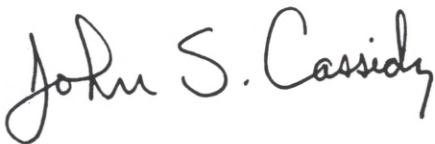
NANCY BERCOVICI, Assistant Vice President



DANIEL C. BOLWELL, Assistant Vice President



JOHN S. CASSIDY, Assistant Vice President



PAULINE E. CHEN, Assistant Vice President



RONALD J. CLARK, Assistant Vice President



MARTIN P. CUSICK, Assistant Vice President



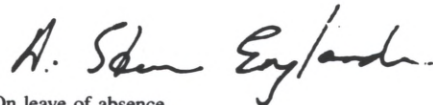
ROBERT W. DABBS, Assistant Vice President



FRED A. DENESEVICH, Regional Check Manager, East
Rutherford Operations Center



A. STEVEN ENGLANDER, Senior Research Officer*



* On leave of absence.

ARTURO ESTRELLA, Assistant Vice President




MARYSUE FISHER, Assistant Vice President



MICHELE S. GODFREY, Assistant to the President,
and Corporate Secretary



KENNETH J. GUENTNER, Assistant Vice President



GARY HABERMAN, Adviser



ASSISTANT VICE PRESIDENTS AND
OFFICERS OF EQUIVALENT RANK (Continued)

GERALD HAYDEN, Assistant Vice President



JAMES K. HODGETTS, Assistant Vice President



LEON R. HOLMES, Assistant Vice President



WILLENE A. JOHNSON, Assistant Vice President



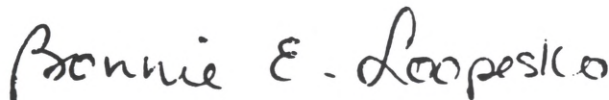
ANGUS J. KENNEDY, Regional Check Manager,
Utica Office



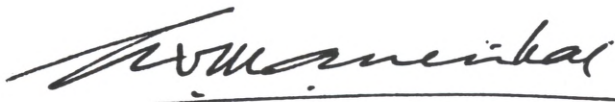
LEON KOROBOW, Adviser



BONNIE E. LOOPESKO, Assistant Vice President



NIRMAL V. MANERIKAR, Assistant Vice President



ELAINE D. MAURIELLO, Assistant Vice President



ROBERT N. MCCAULEY, Senior Research Officer



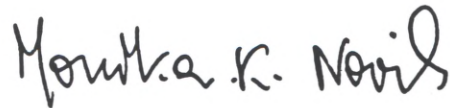
PAUL L. MCEVILY, Assistant Vice President



THOMAS P. MCQUEENEY, Assistant Vice President



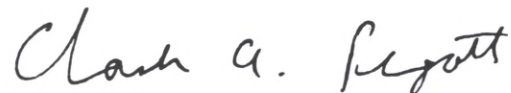
MONIKA K. NOVIK, Assistant Vice President



EDWARD J. OZOG, Assistant Vice President



CHARLES A. PIGOTT, Senior Research Officer



LAWRENCE J. RADECKI, Senior Research Officer



ASSISTANT VICE PRESIDENTS AND
OFFICERS OF EQUIVALENT RANK (Continued)

JANET K. ROGERS, Assistant Vice President




ANTHONY N. SAGLIANO, Regional Check Manager,
Jericho Office



ROBERT C. SCRIVANI, Assistant Vice President



DOROTHY M. SOBOL, Assistant to the President



JASON M. STERN, Assistant Vice President



RALEIGH M. TOZER, Counsel



JOHN WENNINGER, Senior Research Officer



HENRY F. WIENER, Assistant Vice President



MANAGERS AND OFFICERS OF
EQUIVALENT RANK

DONALD R. ANDERSON, Manager, Accounting
Department



JAMES P. BARRY, Manager, Supervision Support
Department



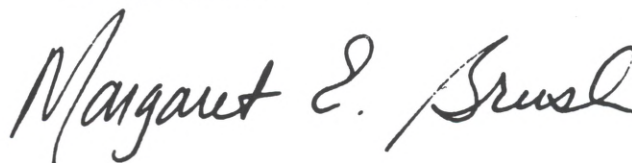
NATHAN BEDNARSH, Manager, Management Information
Department



GEORGE H. BOSSY, Manager, Central Bank Financial
Services Department



MARGARET E. BRUSH, Examining Officer, Domestic
Banking Department



RICHARD M. CANTOR, Research Officer and
Senior Economist, Financial Studies Department



MANAGERS AND OFFICERS OF EQUIVALENT
RANK (Continued)

BRUCE A. CASSELLA, Bank Services Officer



DEBRA W. COOK, Counsel



CLAUDIA H. COUCH, Manager, Funds Transfer Systems
Department



VIERA A. CROUT, Manager, Advanced Technology Staff



JOSEPH D. J. DEMARTINI, Manager, Administrative
Support Services Department



PAUL DILEO, Senior International Economist,
International Financial Markets Function



DANILO G. DUNGCA, Manager, Foreign Exchange
Department



DAVID L. FANGER, Manager, Banking Applications
Department



LEONARD E. FRIEDMAN, Manager, Fedwire and
Communications Operations Department



JOSEPH L. GALATI, Manager, Specialized Examinations
Department



PETER M. GORDON, Manager, Contingency Operations
and Quality Assurance Department



KAUSAR HAMDANI, Research Officer and Senior
Economist, Financial Research Department



ETHAN S. HARRIS, Assistant Secretary



ANDREW HEIKAUS, Manager, Funds Transfer Department



MANAGERS AND OFFICERS OF EQUIVALENT
RANK (Continued)

FRED C. HERRIMAN, JR., Manager, Domestic Banking
Department



SUSAN A. HICKOK, Research Officer and Senior
Economist, International Research Department



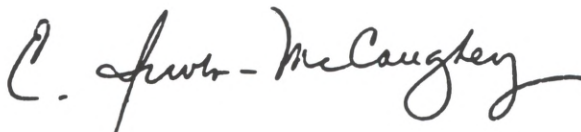
PATRICIA HILT, Manager, Securities Transfer Department



BEVERLY J. HIRTLE, Manager, Banking Studies
Department



ELIZABETH S. IRWIN-McCAUGHEY, Manager,
Compliance Examinations Department



HILDON G. JAMES, Manager, Central Bank Financial
Services Department



BRUCE KASMAN, Research Officer and
Senior Economist, International Research
Department



CHRISTOPHER M. KELL, Systems Development Officer



WILLIAM J. KELLY, Manager, Protection Department



EVELYN E. KENDER, Manager, Personnel Department



HAERAN KIM, Counsel



BARBARA A. KLEIN, Manager, Domestic Banking
Department



MANAGERS AND OFFICERS OF EQUIVALENT
RANK (Continued)

DINO KOS, Foreign Exchange Trading Officer



ROBERT G. KRAUS, Manager, Operations Support
Department (Cash Function)



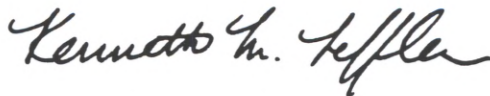
SANDRA C. KRIEGER, Manager, Open Market Department



THOMAS J. LAWLER, Manager, Cash Function



KENNETH M. LEFFLER, Check Officer



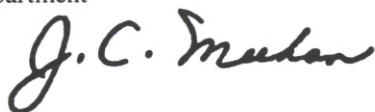
STEVEN MALIN, Manager, Public Information
Department



ERIC A. MARTIN, Counsel



JOSEPH C. MEEHAN, Manager, Building Services
Department



ANN-MARIE MEULENDYKE, Manager, Open Market
Department



WILLIAM J. MILUSICH, Manager, Far Eastern
Examinations Department



ELIZABETH G. MINDLIN, Manager, Personnel
Department



DONALD R. MOORE, Equal Employment
Opportunity Officer



MICHAEL W. MOWBRAY, Manager, Electronic
Operations Support Department



LENNOX A. MYRIE, Manager, General Computer
Operations Department



ISAAC B. OBSTFELD, Data Processing Officer, Operations
and Communications Support Department



RICHARD P. PASSADIN, Security Officer



MANAGERS AND OFFICERS OF EQUIVALENT
RANK (Continued)

JEROME P. PERLONGO, Manager (Night Officer),
Building Services Function



JEANNETTE M. PODGORSKI, Manager, Specialized
Examinations Department




JOSEPH R. PRANCL, JR., Manager, Food and Office
Services Department



MATTHEW J. PUGLISI, Manager, Check Services
Department



MICHAEL J. RECUPERO, Manager, Operations Systems
Department



FRANCIS J. REISCHACH, Manager, Central Bank Financial
Services Department



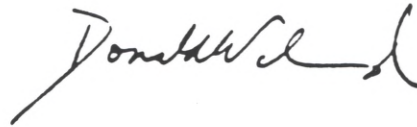
ALBERT J. RUBBO, Examining Officer, Domestic Banking
Department



CHRISTINA H. RYAN, Manager, Safekeeping Department



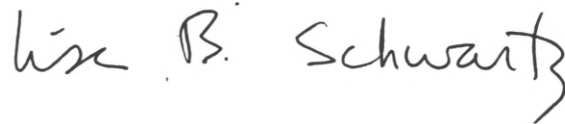
DONALD E. SCHMID, Manager, Domestic Banking
Department



MANUEL J. SCHNAIDMAN, Manager, Bank Analysis
Department



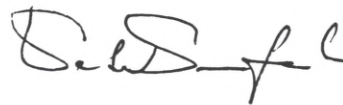
LISA B. SCHWARTZ, Counsel



PAULA BETH SCHWARTZBERG, Manager, International
Reports and Support Department



PETER SMEJKAL, Manager, Operations Systems
Department



RONA B. STEIN, Assistant Secretary



MANAGERS AND OFFICERS OF EQUIVALENT
RANK (Continued)

CHARLES STEINDEL, Research Officer and Senior
Economist, Domestic Research Department



JOHN J. STRICK, Manager, Savings Bond Department



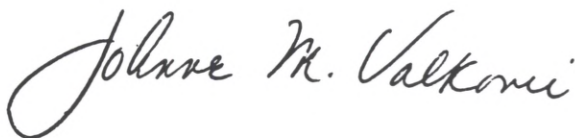
LAWRENCE M. SWEET, Senior International Economist,
Payments System Studies Staff



ALBERT TOSS, Examining Officer, International Bank
Examinations Function



JOANNE M. VALKOVIC, Manager, Government Bond
Department



MARIE J. VEIT, Manager, Funds Transfer Systems
Department



L. WENDY WEBB, Manager, Paying and Receiving
Department



WEBSTER B. WHITE, Counsel



MIRIAM I. WIEBOLDT, Manager, Administrative and
Office Support Systems Department



SHARON T. WONG, Manager, Operations and
Communications Support Department



MICHAEL L. ZIMMERMAN, Manager, Currency
Verification Department



WALTER W. ZUNIC, Manager, European Examinations
Department



Facsimile Signatures of Officers Authorized to Sign
Correspondence and Reconcilements in connection
with the work of the Audit Function

ROBERT M. ABPLANALP, General Auditor



ROBERT J. AMBROSE, Assistant General Auditor



LORETTA G. ANSBRO, Audit Officer



EDWARD J. CHURNEY, Manager, Auditing Department



IRA M. LEVINSON, Manager, Audit Analysis Department



Facsimile Signatures of Officers Authorized to Sign
for the Buffalo Branch

JAMES O. ASTON, Vice President and Branch Manager



PETER D. LUCE, Assistant Vice President



GARY S. WEINTRAUB, Cashier



ROBERT J. McDONNELL, Operations Officer



DAVID P. SCHWARZMUELLER, Operations Officer

