

H. Cir. No. 10144-A

**FEDERAL RESERVE BANK OF
NEW YORK**

AUTHORIZED SIGNATURES

January 1987



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

January 1987

To All Depository Institutions in the Second Federal Reserve District:

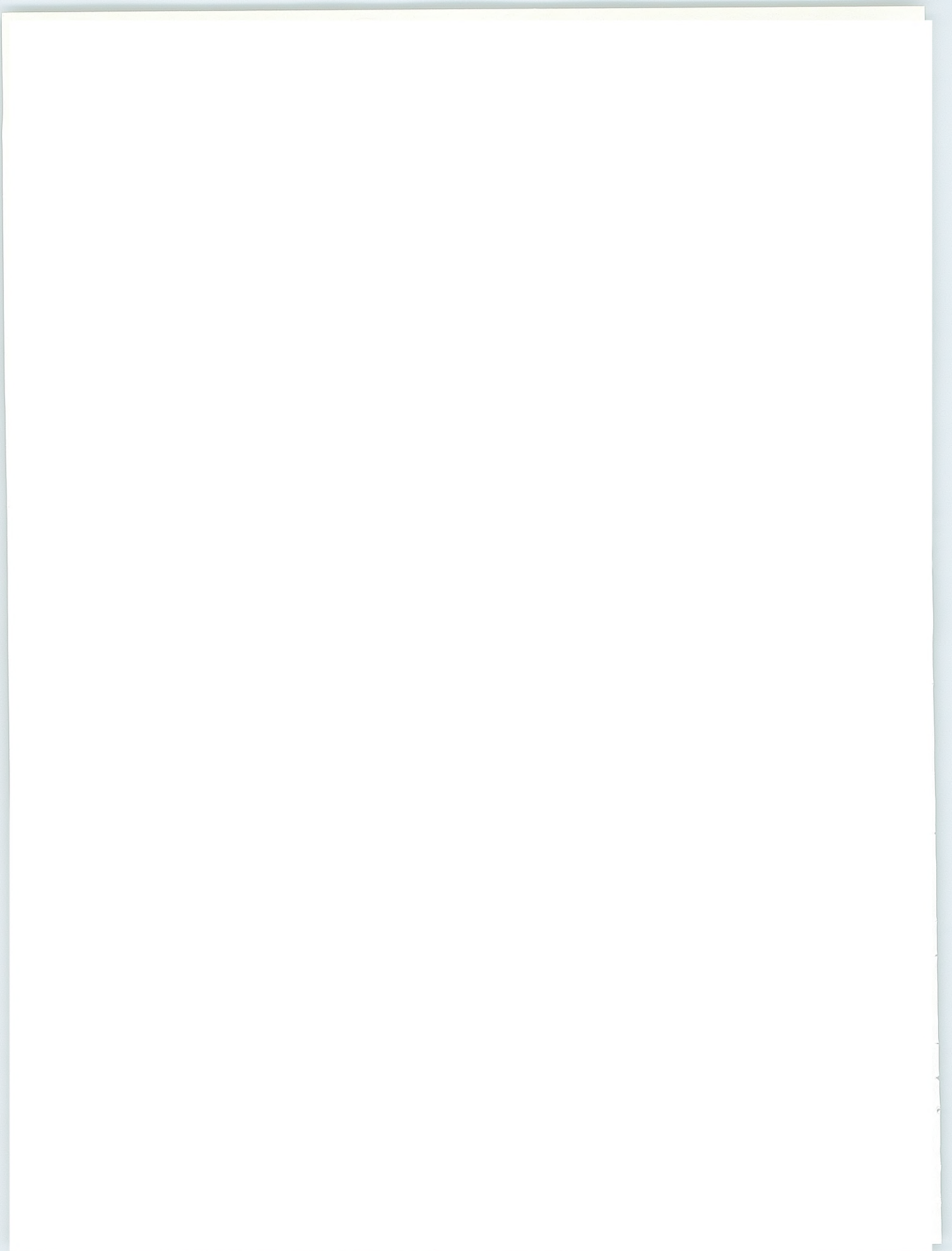
This pamphlet contains the facsimile signatures of the Chairman and Deputy Chairman of the Board of Directors of the Federal Reserve Bank of New York and of the officers authorized to sign on behalf of this Bank and its Buffalo Branch. It supersedes the pamphlet issued in October 1986.

Evidence of the 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 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 department of the 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 shall 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.

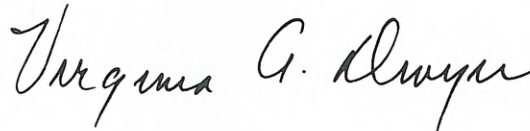


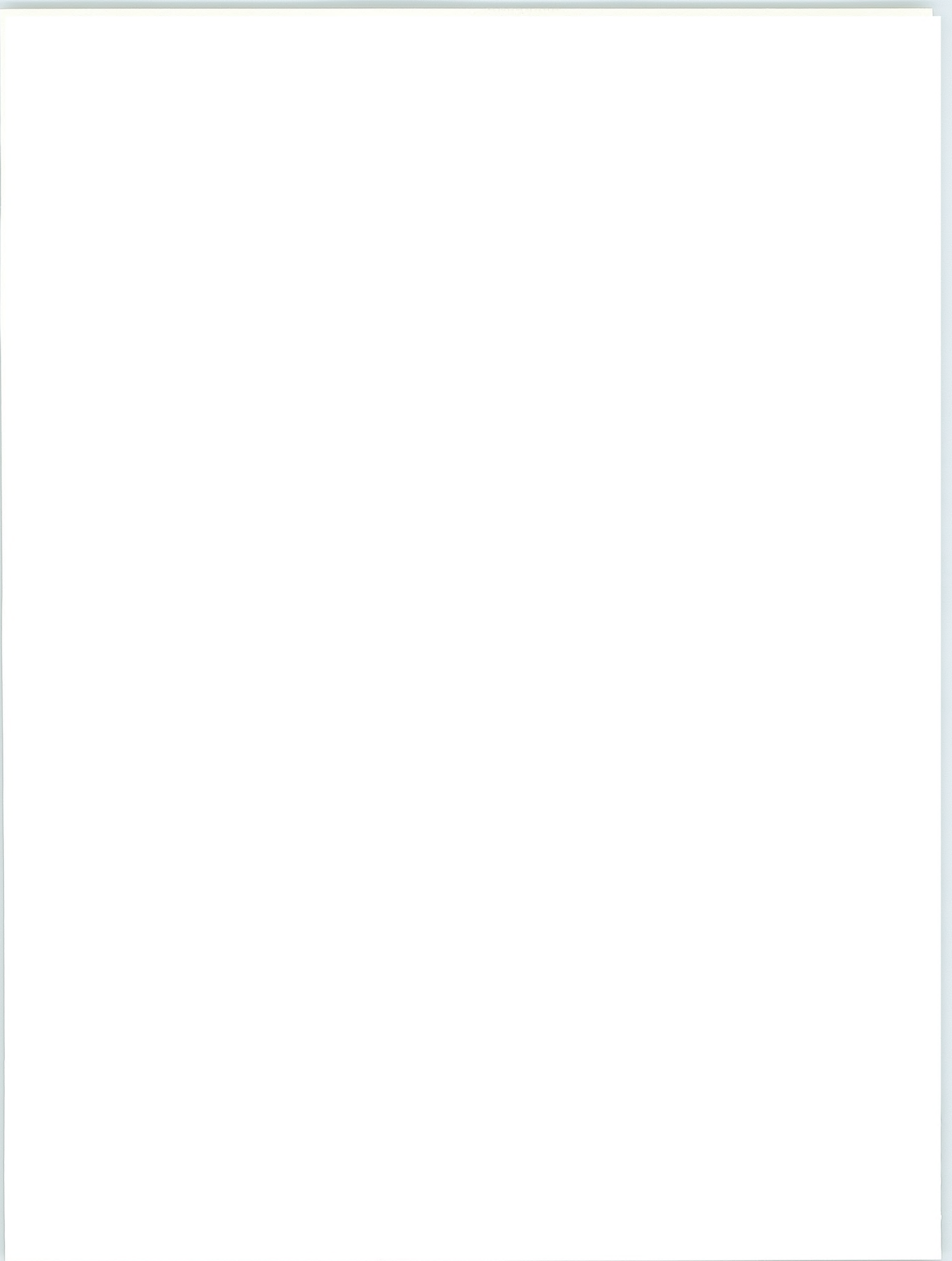
**Facsimile Signatures of the
Chairman of the Board and Federal Reserve Agent
and the Deputy Chairman of the Board**

**JOHN R. OPEL, Chairman of the Board of Directors, and
Federal Reserve Agent**

A handwritten signature in black ink, appearing to read "John R. Opel", with a long horizontal flourish extending to the right.

**VIRGINIA A. DWYER, Deputy Chairman of the Board of
Directors**

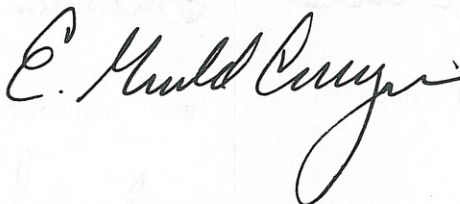
A handwritten signature in black ink, appearing to read "Virginia A. Dwyer", written in a cursive style.



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

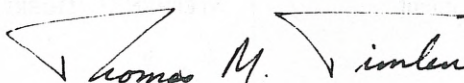
PRESIDENT

E. GERALD CORRIGAN, President



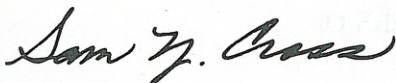
FIRST VICE PRESIDENT

THOMAS M. TIMLEN, First Vice President



EXECUTIVE VICE PRESIDENTS

SAM Y. CROSS, Executive Vice President



PETER FOUSEK, Executive Vice President and
Director of Research



JAMES H. OLTMAN, Executive Vice President
and General Counsel



PETER D. STERNLIGHT, Executive Vice President



**SENIOR VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK**


SUZANNE CUTLER, Senior Vice President



RICHARD G. DAVIS, Senior Economic Adviser



CHESTER B. FELDBERG, Senior Vice President

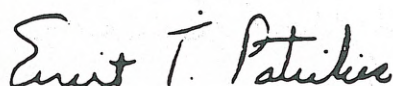


SENIOR VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK (Continued)

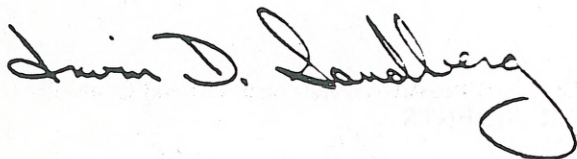
MARGARET L. GREENE, Senior Vice President



ERNEST T. PATRIKIS, Deputy General Counsel



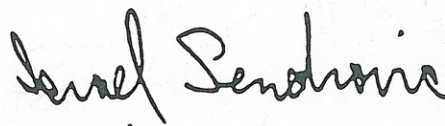
IRWIN D. SANDBERG, Senior Vice President



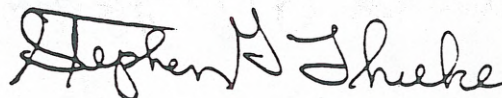
FREDERICK C. SCHADRACK, Senior Vice President



ISRAEL SENDROVIC, Senior Vice President

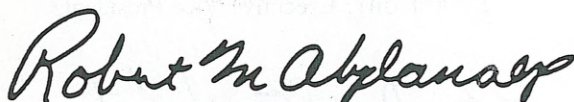


STEPHEN G. THIEKE, Senior Vice President



VICE PRESIDENTS AND OFFICERS OF
EQUIVALENT RANK


ROBERT M. ABPLANALP, Vice President



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



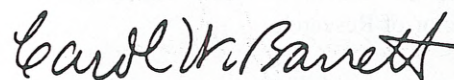
JAMES O. ASTON, Vice President



PETER BAKSTANSKY, Vice President



CAROL W. BARRETT, Vice President



JOSEPH P. BOTTA, Vice President



RALPH A. CANN, III, Vice President



TERRENCE J. CHECKI, Vice President

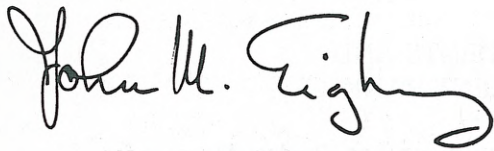


VICE PRESIDENTS AND OFFICERS OF
EQUIVALENT RANK (Continued)

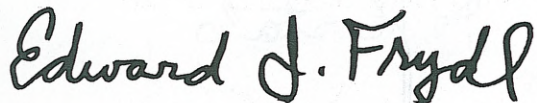
MARY R. CLARKIN, Vice President



JOHN M. EIGHMY, Vice President



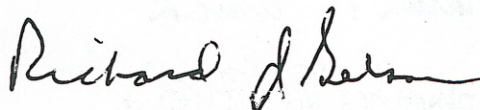
EDWARD J. FRYDL, Vice President and
Assistant Director of Research



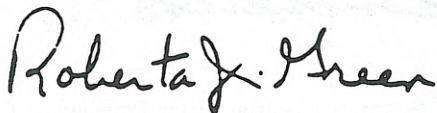
PETER J. FULLEN, Vice President



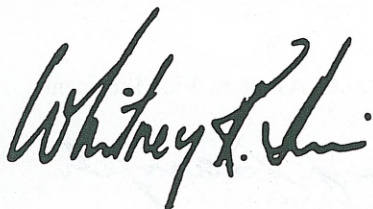
RICHARD J. GELSON, Vice President



ROBERTA J. GREEN, Vice President



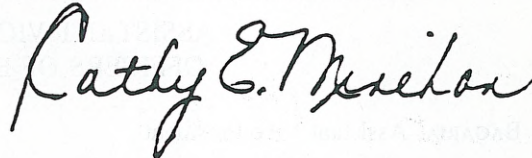
WHITNEY R. IRWIN, Vice President



CHARLES M. LUCAS, Vice President



CATHY E. MINEHAN, Vice President



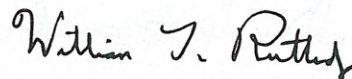
A. MARSHALL PUCKETT, Payments System Adviser



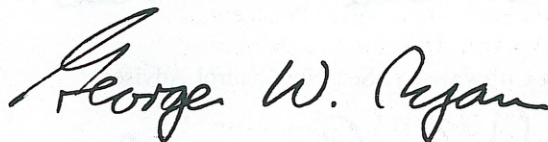
DON N. RINGSMUTH, Associate General Counsel



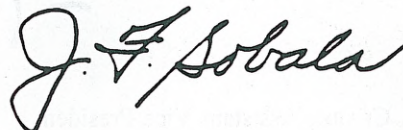
WILLIAM L. RUTLEDGE, Vice President



GEORGE W. RYAN, Vice President



JOHN F. SOBALA, Vice President



J. ANDREW SPINDLER, Vice President

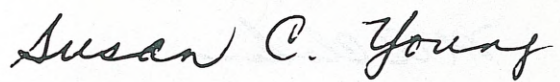


VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK (Continued)

HERBERT W. WHITEMAN, JR., Vice President




SUSAN C. YOUNG, Vice President



ASSISTANT VICE PRESIDENTS AND
OFFICERS OF EQUIVALENT RANK

OM P. BAGARIA, Assistant Vice President



THOMAS C. BAXTER, JR., Counsel



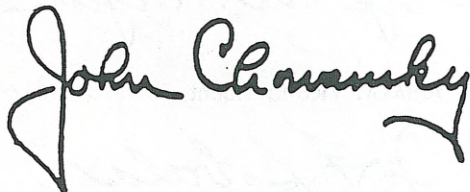
PAUL B. BENNETT, Senior Research Officer



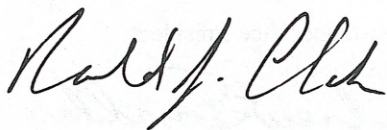
BARBARA R. BUTLER, Assistant Vice President



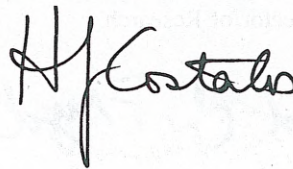
JOHN CHOWANSKY, Security Control Adviser



RONALD J. CLARK, Assistant Vice President



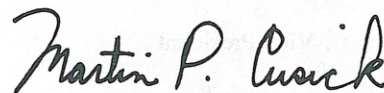
H. JOHN COSTALOS, Product Manager for
Securities Services



HOWARD F. CRUMB, Senior Bank Services Officer



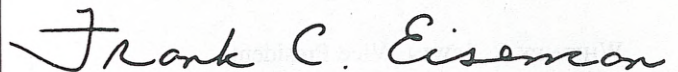
MARTIN P. CUSICK, Assistant Vice President



FRED A. DENESEVICH, Regional Manager,
Cranford Office



FRANK C. EISEMAN, Assistant Vice President

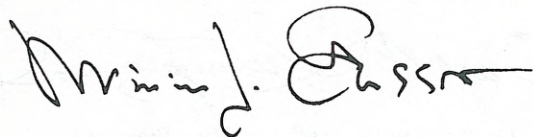


STEVEN J. GAROFALO, Assistant Vice President

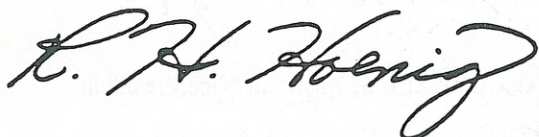


ASSISTANT VICE PRESIDENTS AND
OFFICERS OF EQUIVALENT RANK (Continued)

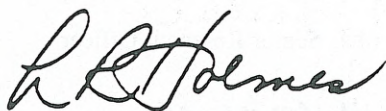
WILLIAM J. GASSER, Senior Research Officer



RICHARD H. HOENIG, Assistant Vice President



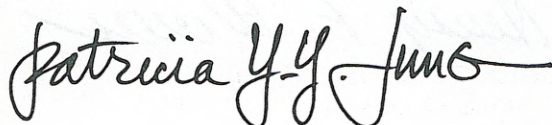
LEON R. HOLMES, Assistant Vice President



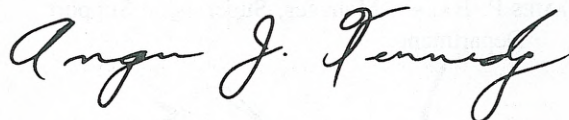
GEORGE R. JUNCKER, Chief Compliance Examiner



PATRICIA Y. JUNG, Assistant Vice President




ANGUS J. KENNEDY, Regional Manager, Utica Office



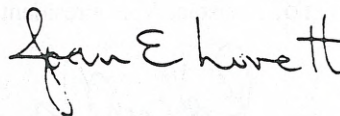
LEON KOROBOW, Adviser



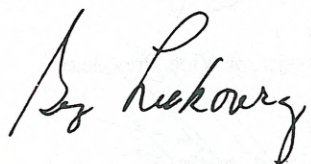
RONALD E. LONG, Assistant Vice President



JOAN E. LOVETT, Assistant Vice President



GEORGE LUKOWICZ, Assistant Vice President



SUSAN F. MOORE, Assistant Vice President



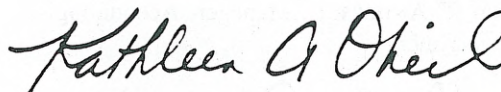
JOYCE E. MOTYLEWSKI, Counsel



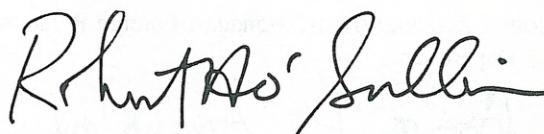
ROBERT V. MURRAY, Assistant Vice President



KATHLEEN A. O'NEIL, Assistant Vice President

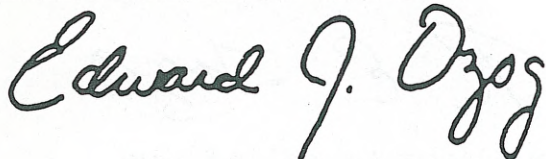


ROBERT A. O'SULLIVAN, Chief Financial Examiner

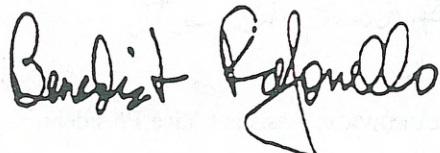


ASSISTANT VICE PRESIDENTS AND
OFFICERS OF EQUIVALENT RANK (Continued)

EDWARD J. OZOG, Assistant Vice President



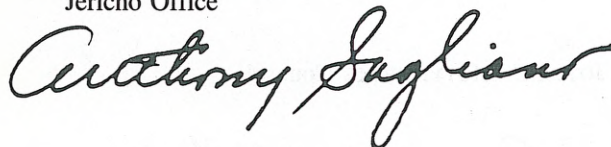
BENEDICT RAFANELLO, Assistant Vice President



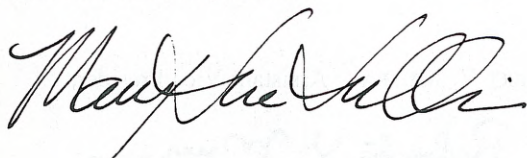
DAVID L. ROBERTS, Assistant Vice President



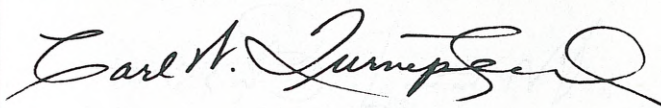
ANTHONY N. SAGLIANO, Regional Manager,
Jericho Office



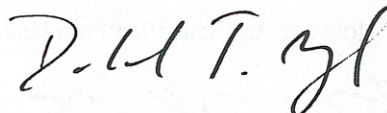
MARYSUE SULLIVAN, Counsel



CARL W. TURNIPSEED, Assistant Vice President



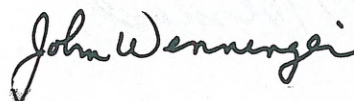
DONALD T. VANGEL, Assistant Vice President



BARBARA L. WALTER, Assistant Vice President



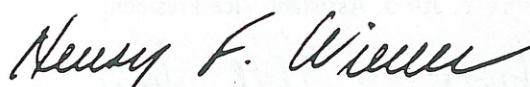
JOHN WENNINGER, Senior Research Officer



BETSY BUTTRILL WHITE, Assistant Vice President



HENRY F. WIENER, Assistant Vice President



MANAGERS AND OFFICERS OF
EQUIVALENT RANK

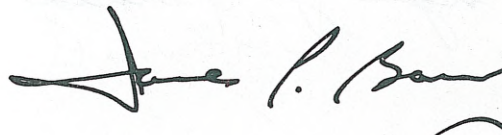
DONALD R. ANDERSON, Manager, Accounting
Department



GEORGE R. ARRINGTON, Manager, Foreign Relations
Department



JAMES P. BARRY, Manager, Supervision Support
Department



NATHAN BEDNARSH, Manager, Management
Information Department

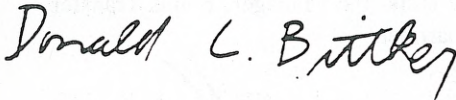


MANAGERS AND OFFICERS OF
EQUIVALENT RANK (Continued)

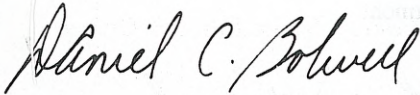
NANCY BERCOVICI, Manager, Statistics Department



DONALD L. BITTKER, Associate Counsel



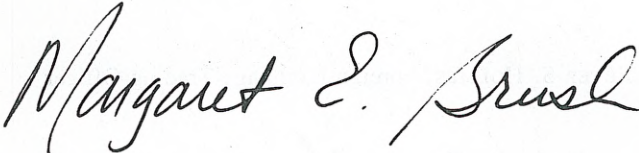
DANIEL C. BOLWELL, Electronic Operations Officer,
Electronic Payments Function



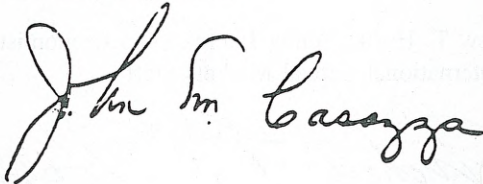
GEORGE H. BOSSY, Manager, Developing Nations Staff



MARGARET E. BRUSH, Manager, Public Information
Department



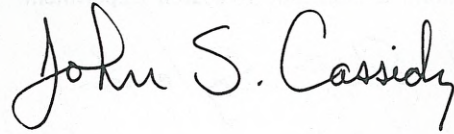
JOHN M. CASAZZA, Assistant Chief Examiner, Domestic
Banking Department



BRUCE A. CASSELLA, Bank Services Officer



JOHN S. CASSIDY, Associate Counsel



ARTHUR L. CASTRO, Examining Officer, Multinational
Banking Department



PAULINE E. CHEN, Manager, Government Bond
Department



VIERA A. CROUT, Manager, Common Systems
Department



CHRISTINE M. CUMMING, Research Officer and Senior
Economist, Financial Studies Department



ROBERT W. DABBS, Manager, Statistics Department

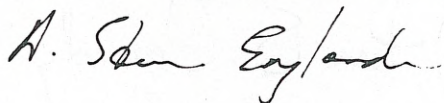


EDNA E. EHRLICH, Research Officer and Senior
Economist, Financial Studies Department

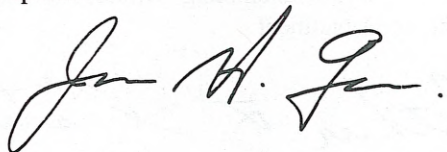


MANAGERS AND OFFICERS OF
EQUIVALENT RANK (Continued)

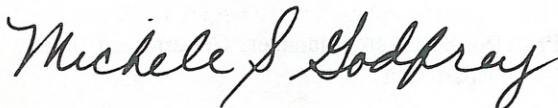
A. STEVEN ENGLANDER, Research Officer and Senior
Economist, Domestic Research Department*



JAMES H. GAVER, Manager, General Purpose Computer
Department



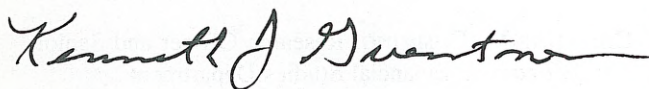
MICHELE S. GODFREY, Bank Services Officer



PETER M. GORDON, Manager, Telecommunications
Operations Department



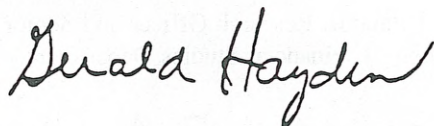
KENNETH J. GUENTNER, Manager, Open Market
Department




GARY HABERMAN, Manager, Dealer Surveillance
Department



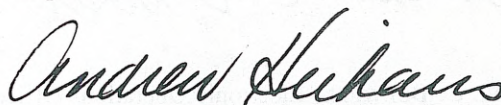
GERALD HAYDEN, Manager, Data Reporting Support
Department



JOHN C. HEIDELBERGER, Manager (Evening Officer),
Data Processing Function



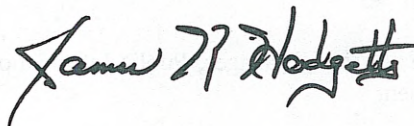
ANDREW HEIKAUS, Manager, Funds Transfer
Department



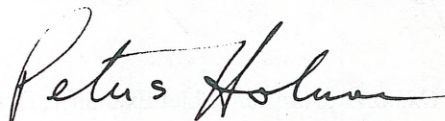
PATRICIA HILT-LUPACK, Manager, Securities Transfer
Department



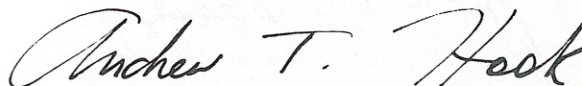
JAMES K. HODGETTS, Examining Officer, Domestic
Banking Department



PETER S. HOLMES, Foreign Exchange Trading Officer



ANDREW T. HOOK, Senior International Economist,
International Capital Markets Staff



JEFFREY F. INGBER, Secretary and Associate Counsel



* On leave of absence.

MANAGERS AND OFFICERS OF
EQUIVALENT RANK (Continued)

WILLENE A. JOHNSON, Manager, Foreign Exchange
Department

Willene A. Johnson

CHRISTOPHER M. KELL, Systems Development Officer,
Data Systems Department

Christopher M. Kell

WILLIAM J. KELLY, Manager, Protection Department

William J. Kelly

EVELYN E. KENDER, Manager, Personnel Department

Evelyn E. Kender

BARBARA A. KLEIN, Examining Officer, International
Banking Department

Barbara A. Klein

THOMAS J. LAWLER, Manager, Operations Support Staff,
Cash Processing Function

Tom Lawler

KENNETH M. LEFFLER, Manager, Analytical Computer
Department

Kenneth M. Leffler

FRANKLIN T. LOVE, Manager, Credit and Discount
Department

Franklin T. Love

A. JOHN MAHER, Assistant Chief Examiner, Specialized
Examinations Department

A. John Maher

NIRMAL V. MANERIKAR, Manager, Management
Information Department

N. Manerikar

CATHERINE G. MARZI, Manager, Safekeeping
Department

Catherine G. Marzi

ELAINE D. MAURIELLO, Manager, Personnel
Department

Elaine Mauriello

CHRISTOPHER J. MCCURDY, Senior International
Economist, International Capital Markets Staff

Christopher J. McCurdy

PAUL L. MCEVILY, Manager, Service Function,
and Assistant Secretary

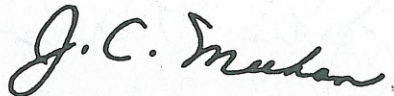
Paul L. McEvily

MANAGERS AND OFFICERS OF
EQUIVALENT RANK (Continued)

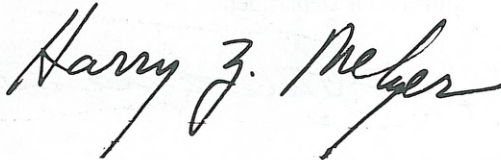
THOMAS P. MCQUEENEY, Assistant Chief Examiner,
International Banking Department



JOSEPH C. MEEHAN, Manager, Building Services
Department



HARRY Z. MELZER, Manager, Data Systems Department



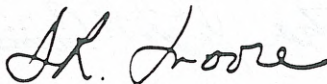
ANN-MARIE MEULENDYKE, Manager, Open Market
Department



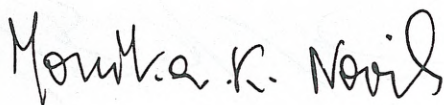
GERALD P. MINEHAN, Assistant Chief Examiner,
Multinational Banking Department



DONALD R. MOORE, Equal Employment
Opportunity Officer



MONIKA K. NOVIK, Manager, Data Systems Department



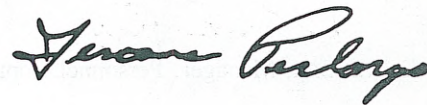
THEODORE N. OPPENHEIMER, Assistant Secretary



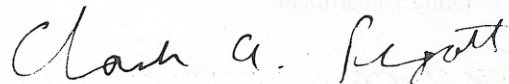
RICHARD P. PASSADIN, Security Officer, Electronic
Security Staff



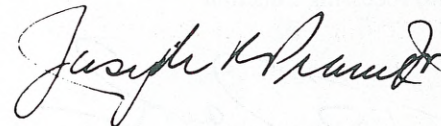
JEROME P. PERLONGO, Manager (Night Officer),
Administrative Services Group



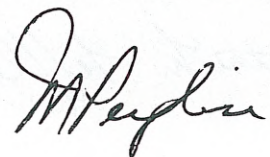
CHARLES A. PIGOTT, Research Officer and Senior
Economist, International Research Department



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



MATTHEW J. PUGLISI, Manager, Check Adjustment and
Check Processing Departments



MANAGERS AND OFFICERS OF
EQUIVALENT RANK (Continued)

LAWRENCE J. RADECKI, Research Officer and Senior
Economist, Domestic Research Department

Lawrence J. Radecki

FRANCIS J. REISCHACH, Manager, Foreign Relations
Department

Francis J. Reischach

CHARLES E. ROCKEY, Manager, Paying and Receiving
Department

Charles E. Rockey

JANET K. ROGERS, Manager, Accounting Department

Janet K. Rogers

BRADLEY K. SABEL, Associate Counsel

Bradley K. Sabel

DONALD E. SCHMID, Manager, Bank Analysis
Department

Donald E. Schmid

ROBERT C. SCRIVANI, Manager, Personnel Department

Robert C. Scrivani

JASON M. STERN, Manager, Administrative Support
Services Department

Jason M. Stern

JOHN J. STRICK, Manager, Savings Bond Department

John J. Strick

ERIC K. TARLOW, Assistant Chief Examiner,
Compliance Examinations Department

Eric K. Tarlow

RALEIGH M. TOZER, Associate Counsel

Raleigh M. Tozer

LILLIE S. (WENDY) WEBB, Manager, Currency
Verification Department

Lillie S. (Wendy) Webb

WEBSTER B. WHITE, Associate Counsel

Webster B. White

WALTER W. ZUNIC, Examining Officer, International
Banking Department

Walter W. Zunic

**Facsimile Signatures of Officers Authorized to Sign
for the Buffalo Branch**

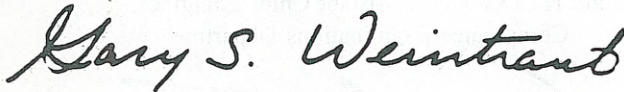
JOHN T. KEANE, Vice President
and Branch Manager



PETER D. LUCE, Assistant Vice President



GARY S. WEINTRAUB, Cashier



ROBERT J. McDONNELL, Operations Officer

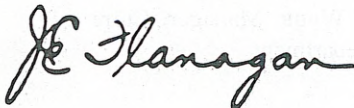


DAVID P. SCHWARZMUELLER, Operations Officer



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

JOHN E. FLANAGAN, General Auditor



ROBERT J. AMBROSE, Assistant General Auditor



LORETTA G. ANSBRO, Audit Officer, Audit Analysis
Department



EDWARD J. CHURNEY, Manager, Auditing Department

