

FEDERAL RESERVE BANK
OF NEW YORK

ATGR No. 8538

February 20, 1979

AUTHORIZED SIGNATURES

*To the Member Banks of the Second Federal
Reserve District, and Others Concerned:*

Enclosed is a copy of our Operating Circular No. 1, Revised February 13, 1979, containing facsimile signatures of persons authorized to sign on behalf of this Bank.

The revised circular incorporates the six outstanding supplements to the superseded edition of the circular and reflects additional changes in the list of persons authorized to sign on behalf of the Bank, including the following changes in the official staff:

PETER FOUSEK, formerly Vice President and Director of Research, has been appointed Senior Vice President and Director of Research.

EDWARD G. GUY, formerly Senior Vice President and General Counsel, has been appointed Senior Vice President and Counsel to the President.

SCOTT E. PARDEE, formerly Vice President, has been appointed Senior Vice President.

JAMES H. OLTMAN, formerly Deputy General Counsel, has been appointed General Counsel.

KARL L. EGE, Vice President and Operations Adviser, has retired from the Bank.

HENRY S. FUJARSKI, formerly Assistant Vice President, has been appointed Vice President.

ERNEST T. PATRIKIS, formerly Assistant General Counsel, has been appointed Deputy General Counsel.

RUDOLF THUNBERG, formerly Assistant Vice President, has been appointed Vice President and Assistant Director of Research.

RICHARD VOLLKOMMER, formerly Assistant Vice President, has been appointed Vice President.

JORGE A. BRATHWAITE, formerly Manager, has been appointed Assistant Vice President.

DENIS L. CONWAY, formerly Manager, has been appointed Assistant Vice President.

PETER J. FULLEN, formerly Manager, has been appointed Assistant Vice President.

ROBERTA J. GREEN, formerly Manager, has been appointed Assistant Vice President.

ROGER M. KUBARYCH, Assistant Vice President, is on a leave of absence.

DON N. RINGSMUTH, formerly Assistant Counsel, has been appointed Assistant General Counsel.

ISRAEL SENDROVIC, formerly Manager, has been appointed Assistant Vice President.

JERRY BERKOWITZ, formerly Operations Analysis Officer, has been appointed Manager, and has been assigned to the Currency Processing Department.

JOHN CHOWANSKY, Manager, formerly assigned to the Cash Department, has been assigned to the Cash Services Department.

LOUIS J. CONROY, Manager, Records Management and Emergency Planning Department, has retired from the Bank.

JOSEPH F. DONNELLY, formerly Chief, Paying and Receiving Division, Cash Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to the Collection Department.

LEON R. HOLMES, Manager, formerly assigned to the Government Bond and Safekeeping Department, has been assigned to the Treasury and Agency Issues Department.

(OVER)

JOHN C. HOUHOULIS, formerly Manager, has been appointed Operations Analysis Officer.

EVERETT H. JOHNSON, formerly Chief, Communications Services Division, Telecommunications Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to that department.

ANGUS J. KENNEDY, Manager, formerly assigned to the User Operations Department, has been assigned to the Security Custody Department.

MICHAEL J. LANGTON, formerly Chief, Placement and Counseling Division, Personnel Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to that department.

CHARLES M. LUCAS, Manager, Statistics Department, is on a leave of absence.

GEORGE LUKOWICZ, formerly Data Processing Officer, has been appointed Operations Analysis Officer.

THOMAS P. McQUEENEY, formerly Supervising Examiner, International Examinations Division, Bank Examinations Department, has been appointed an officer of the Bank with the title of Assistant Chief Examiner.

RICHARD P. PASSADIN, formerly Chief, User Services Division, User Operations Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to that department.

ANTHONY N. SAGLIANO, formerly Chief, Post Office Division, Service Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to the Records Management and Postal Services Department.

CARL W. TURNIPSEED, Manager, formerly assigned to the Security Custody Department, has been assigned to the Check Processing Department.

BARBARA L. WALTER, formerly Senior Bank Examiner, International Examinations Division, Bank Examinations Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to the Foreign Banking Applications Department.

HENRY F. WIENER, Manager, formerly assigned to the Check Processing Department, has been assigned to the Funds Transfer Department.

SUSAN C. YOUNG, formerly Operations Analysis Officer, has been appointed Manager, and has been assigned to the Research and Statistical Systems Department.

Please acknowledge receipt of the operating circular by promptly returning the enclosed receipt card.

PAUL A. VOLCKER,
President.

**FEDERAL RESERVE BANK
OF NEW YORK**

[Operative Circular No. 1]
[Revised February 13, 1979]

AUTHORIZED SIGNATURES

On the following pages, numbered 2 to 114 inclusive, there is set forth a list containing facsimile signatures of persons authorized to sign on behalf of the Federal Reserve Bank of New York, subject to the conditions and limitations hereinafter set forth or referred to. An index of the names listed in this circular appears on pages 115 through 118. This circular supersedes and cancels Operating Circular No. 1, Revised February 1, 1978, and the First through Sixth Supplements thereto, dated March 1, April 24, June 20, September 14, October 30, and November 27, 1978, respectively.

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, the Executive Vice President, a senior vice president, a vice president, or an assistant vice president (including officers of equivalent ranks).

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

PAUL A. VOLCKER,
President.

CHAIRMAN AND FEDERAL RESERVE AGENT

ROBERT H. KNIGHT,
Chairman of the Board
of Directors, and
Federal Reserve Agent,

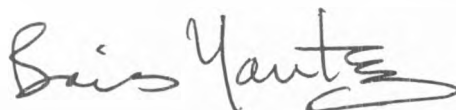
will sign:

A handwritten signature in dark ink, appearing to read "R.H. Knight", written in a cursive style.

DEPUTY CHAIRMAN

BORIS YAVITZ,
Deputy Chairman of the
Board of Directors,

will sign:

A handwritten signature in dark ink, appearing to read "Boris Yavitz", written in a cursive style.

PRESIDENT

PAUL A. VOLCKER, President,

will sign:



FIRST VICE PRESIDENT

THOMAS M. TIMLEN, First Vice President,

will sign:



EXECUTIVE VICE PRESIDENT

ALAN R. HOLMES, Executive Vice President,

will sign:



SENIOR VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK

PETER FOUSEK, Senior Vice President and Director of Research,

will sign:



EDWARD G. GUY, Senior Vice President and Counsel to the President,

will sign:



PAUL B. HENDERSON, JR., Senior Vice President,

will sign:



SENIOR VICE PRESIDENTS AND
OFFICERS OF EQUIVALENT RANK *(continued)*

JAMES H. OLTMAN, General Counsel,

will sign: 

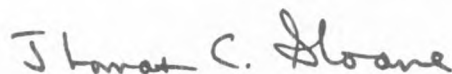
SCOTT E. PARDEE, Senior Vice President,

will sign: 


FRED W. PIDERIT, JR., Senior Vice President,

will sign: 

THOMAS C. SLOANE, Senior Vice President and Senior Adviser,

will sign: 

PETER D. STERNLIGHT, Senior Vice President,

will sign: 

VICE PRESIDENTS AND OFFICERS OF
EQUIVALENT RANK

JAMES O. ASTON, Vice President,

will sign: 

VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK *(continued)*

PETER BAKSTANSKY, Vice President,

will sign: 

WILLIAM H. BRAUN, JR., Vice President,

will sign: 

E. GERALD CORRIGAN, Vice President,

will sign: 

RICHARD G. DAVIS, Senior Economic Adviser,

will sign: 

CHESTER B. FELDBERG, Vice President,

will sign: 

HENRY S. FUJARSKI, Vice President,

will sign: 

VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK *(continued)*

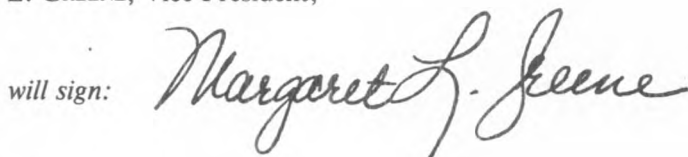
RONALD B. GRAY, Vice President,

will sign:



MARGARET L. GREENE, Vice President,

will sign:



WHITNEY R. IRWIN, Vice President,

will sign:



PAUL MEEK, Monetary Adviser,

will sign:



ERNEST T. PATRIKIS, Deputy General Counsel,

will sign:



EDWIN R. POWERS, Vice President,

will sign:



VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK *(continued)*

A. MARSHALL PUCKETT, Vice President,

will sign: A. Marshall Puckett

GERI M. RIEGGER, Vice President,

will sign: Geri M. Riegger

FREDERICK L. SMEDLEY, Vice President,*

will sign: F. Smedley

ROBERT C. THOMAN, Vice President,

will sign: Robert C. Thoman

RUDOLF THUNBERG, Vice President and Assistant Director of Research,

will sign: Rudolf Thunberg


RICHARD VOLLKOMMER, Vice President,

will sign: R. Vollkommer


*Retires March 1, 1979.

VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK *(continued)*

HERBERT W. WHITEMAN, JR., Vice President,

will sign: 

H. DAVID WILLEY, Vice President,

will sign: 

ASSISTANT VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK

JORGE A. BRATHWAITE, Assistant Vice President,

will sign: 

LOUIS J. BRENDDEL, Adviser,

will sign: 

RALPH A. CANN III, Assistant Vice President,

will sign: 

DENIS L. CONWAY, Assistant Vice President,

will sign: 

ASSISTANT VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK *(continued)*

HOWARD F. CRUMB, Adviser,

will sign: *Howard Crumb*

SUZANNE CUTLER, Assistant Vice President,

will sign: *Suzanne Cutler*

PETER J. FULLEN, Assistant Vice President,

will sign: *PJ Fullen*

ROBERTA J. GREEN, Assistant Vice President,

will sign: *Roberta J. Green*

MICHAEL J. HAMBURGER, Adviser,

will sign: *Michael J. Hamburger*

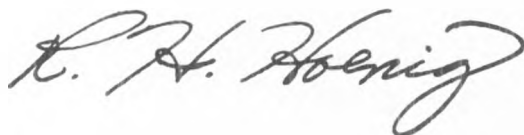
JOHN HOPKINS HEIRES, Adviser,

will sign: *John Hopkins Heires*

ASSISTANT VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK *(continued)*

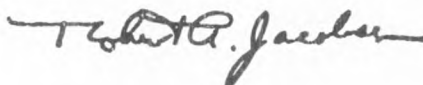
RICHARD H. HOENIG, Assistant Vice President,

will sign:



ROBERT A. JACOBSEN, Chief Examiner,

will sign:



LEON KOROBOW, Assistant Vice President,

will sign:



JOSEPH M. O'CONNELL, Assistant Vice President,

will sign:



BENEDICT RAFANELLO, Assistant Vice President,

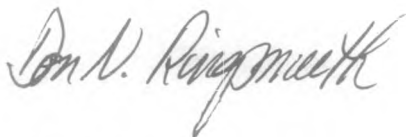
will sign:



ASSISTANT VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK *(continued)*

DON N. RINGSMUTH, Assistant General Counsel,

will sign:



GEORGE W. RYAN, Assistant Vice President,

will sign:



IRWIN D. SANDBERG, Assistant Vice President,

will sign:



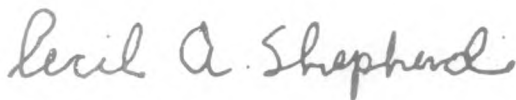
ISRAEL SENDROVIC, Assistant Vice President,

will sign:



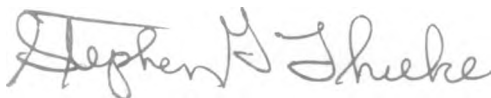
CECIL A. SHEPHERD, Assistant Vice President,

will sign:



STEPHEN G. THIEKE, Assistant Vice President,

will sign:



ASSISTANT VICE PRESIDENTS AND OFFICERS
OF EQUIVALENT RANK (continued)

SHEILA L. TSCHINKEL, Assistant Vice President,

will sign: 

OTHER OFFICERS

CAROL R. AGINS, Manager, Common Systems Department,

will sign: 


MARCELLE V. ARAK, Research Officer and Senior Economist,

will sign: 

LEONARD I. BENNETTS, Manager, Jericho Office,

will sign: 

JEROME BERGMAN, Manager, Foreign Department,

will sign: 

JERRY BERKOWITZ, Manager, Currency Processing Department,

will sign: 

OTHER OFFICERS (continued)

DONALD L. BITTKER, Assistant Counsel,

will sign:

Donald L. Bittker

GEORGE H. BOSSY, Manager, Foreign Department,

will sign:

George H. Bossy

JOSEPH P. BOTTA, Manager, Check Processing Department,

will sign:

Joseph P. Botta

JOHN M. CASAZZA, Assistant Chief Examiner,

will sign:

John M. Casazza

TERRENCE J. CHECKI, Secretary,

will sign:

Terrence J. Checki

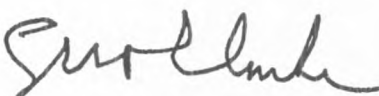
JOHN CHOWANSKY, Manager, Cash Services Department,

will sign:

John Chowansky

OTHER OFFICERS (*continued*)

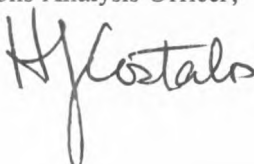
STEPHEN V. O. CLARKE, Research Officer and Senior Economist,

will sign: 

MARY R. CLARKIN, Securities Trading Officer,

will sign: 

H. JOHN COSTALOS, Operations Analysis Officer,

will sign: 

ROBERT N. DAVENPORT, JR., Assistant Counsel,

will sign: 

FRED A. DENESEVICH, Manager, Cranford Office,

will sign: 

EDWARD H. DENHOFF, Operations Officer, Utica Office,

will sign: 

OTHER OFFICERS (*continued*)

JANE L. DETRA, Assistant Secretary and Assistant Counsel,

will sign:



JOSEPH F. DONNELLY, Manager, Collection Department,

will sign:



MATTHEW C. DREXLER, Manager, Building Operating Department,

will sign:



EDNA E. EHRLICH, International Adviser,

will sign:



JOHN M. EIGHMY, Manager, Personnel Department,

will sign:




EUGENE P. EMOND, Manager, Credit and Discount Department,

will sign:

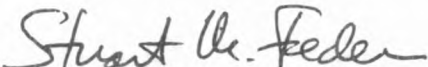


OTHER OFFICERS (continued)

ROBERT T. FALCONER, Research Officer and Senior Economist,

will sign: 

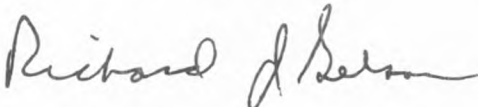
STUART M. FEDER, Manager, Research Support Department,

will sign: 

LAWRENCE D. FRUCHTMAN, Assistant Counsel,

will sign: 

RICHARD J. GELSON, Manager, Statistics Department,

will sign: 

GERALD HAYDEN, Manager, Security and Control Staff,

will sign: 

OLEG HOFFMAN, Manager, Computer Operations Department,

will sign: 

OTHER OFFICERS (continued)

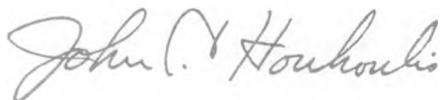
LEON R. HOLMES, Manager, Treasury and Agency
Issues Department,

will sign:



JOHN C. HOULOUIS, Operations Analysis Officer,

will sign:



EVERETT H. JOHNSON, Manager, Telecommunications Department,

will sign:



ANGUS J. KENNEDY, Manager, Security Custody Department,

will sign:



EDWARD F. KIPFSTUHL, Manager, Consumer Affairs and Bank
Regulations Department,

will sign:



PATRICIA H. KUWAYAMA, Research Officer and Senior Economist,

will sign:



OTHER OFFICERS (*continued*)

MICHAEL J. LANGTON, Manager, Personnel Department,

will sign: Michael J. Langton

FRED J. LEVIN, Manager, Securities Department,

will sign: Fred J. Levin

MARVIN D. LINDER, Assistant Counsel,

will sign: Marvin D. Linder

CLIFFORD N. LIPSCOMB, Assistant Counsel,

will sign: Clifford N. Lipscomb

RONALD E. LONG, Manager, Service Department,

will sign: R. E. Long

FRANKLIN T. LOVE, Bank Relations Officer,

will sign: Franklin T. Love

OTHER OFFICERS (continued)

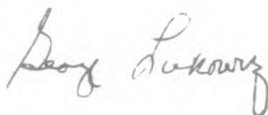
JOAN E. LOVETT, Securities Trading Officer,

will sign:



GEORGE LUKOWICZ, Operations Analysis Officer,

will sign:



FRANK W. LUNDBLAD, JR., Manager, Protection Department,

will sign:



A. JOHN MAHER, Assistant Chief Examiner,

will sign:




THOMAS P. MCQUEENEY, Assistant Chief Examiner,

will sign:



CATHY E. MINEHAN, Manager, Management Information Department,

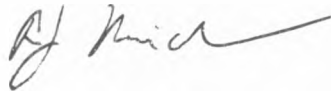
will sign:



OTHER OFFICERS (continued)

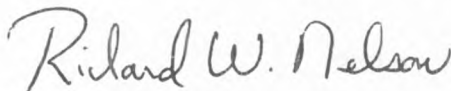
ROBERT J. MISCHLER, Manager, Resource Planning Staff,

will sign:



RICHARD W. NELSON, Manager, Banking Studies Department,

will sign:



THEODORE N. OPPENHEIMER, Assistant Secretary,

will sign:



EDWARD J. OZOG, Manager, Securities Department,

will sign:



RICHARD P. PASSADIN, Manager, User Operations Department,

will sign:



JEROME P. PERLONGO, Manager, Check Adjustment and Return
Items Department,

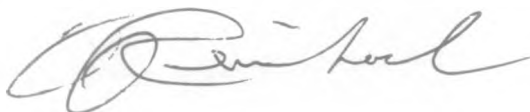
will sign:



OTHER OFFICERS (*continued*)

FRANCIS J. REISCHACH, Manager, Foreign Department,

will sign:



FRANCIS H. ROHRBACH, Manager, Savings Bond Department,

will sign:



WILLIAM L. RUTLEDGE, Manager, Domestic Banking
Applications Department,

will sign:



ANTHONY N. SAGLIANO, Manager, Records Management and Postal
Services Department,

will sign:



RALPH C. SCHINDLER, Data Processing Officer,

will sign:



DONALD E. SCHMID, Manager, Bank Analysis Department,

will sign:



OTHER OFFICERS (continued)


ROBERT D. SLEEPER, Manager, Foreign Department,

will sign: 

JOHN F. SOBALA, Operations Analysis Officer,

will sign: 


JOHN H. SPITZER, Acting Manager, Credit and
Discount Department,

will sign: 

JOHN J. STRICK, Manager, Accounting Department,

will sign: 

CARL W. TURNIPSEED, Manager, Check Processing Department,

will sign: 

RUTH ANN TYLER, Equal Opportunity Officer,

will sign: 

OTHER OFFICERS (*continued*)

BARBARA L. WALTER, Manager, Foreign Banking Applications
Department,

will sign: Barbara L. Walter

HENRY F. WIENER, Manager, Funds Transfer Department,

will sign: Henry F. Wiener

SUSAN C. YOUNG, Manager, Research and
Statistical Systems Department,

will sign: Susan C. Young

OTHER SIGNERS

1. The following have authority to sign correspondence relating to the work of the functions, departments, offices, or staffs indicated after their respective names:

CARL H. ALLEN, Special Assistant, Bank Relations Office,

will sign: 

MOISES A. ALVAREZ, Economist, Foreign Department,

will sign: 

LORETTA G. ANSBRO, Chief, Cash and Funds Transfer Systems Division,
Custom Systems Department,
(See index for other authority)

will sign: 

MARY ANNE BANEVICIUS, Chief, Check Adjustment Division,
Check Adjustment and Return Items Department,
(See index for other authority)

will sign: 

CAROL W. BARRETT, Chief, Savings Bond Division,
Savings Bond Department,
(See index for other authority)

will sign: 

OTHER SIGNERS—*Continued*

Paragraph 1 (page 24)—*Continued*

JAMES P. BARRY, Chief, Consumer Affairs Division, Consumer
Affairs and Bank Regulations Department,

will sign:



STEPHEN J. BERNATOWICZ, Chief, Safekeeping Division,
Government Bond and Safekeeping Department,
(See index for other authority)

will sign:



ALFRED A. BEVACQUA, JR., Special Representative,
Bank Relations Office,

will sign:



DANIEL BOLWELL, Chief, Securities Operations Division,
Securities Department,
(See index for other authority)

will sign:



GEORGE BUDZEIKA, Special Assistant, Banking Studies Department,

will sign:



OTHER SIGNERS—*Continued*

Paragraph 1 (page 24)—*Continued*

LORETTA C. BURKE, Chief, Analytical Systems Division,
Custom Systems Department,
(See index for other authority)

will sign:



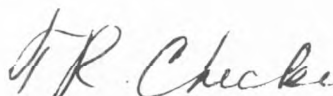
BRUCE A. CASSELLA, Special Representative, Bank Relations Office,

will sign:



THERESA R. CHECKI, Assistant Chief, Check Processing Division (Day),
Check Processing Department,
(See index for other authority)

will sign:



CHARLES F. CHIRICO, Assistant Chief, Check Adjustment Division,
Check Adjustment and Return Items Department,
(See index for other authority)

will sign:



RONALD S. COOK, Assistant Chief, Savings Bond Division,
Savings Bond Department,
(See index for other authority)

will sign:



OTHER SIGNERS—*Continued*

Paragraph 1 (page 24)—*Continued*

PETER J. COTTER, Assistant Chief, Foreign Funds Division,
Foreign Department,
(See index for other authority)

will sign:



THOMAS F. CURRY, Administrative Assistant, Operations Analysis Staff,
Cash and Collection Function,

will sign:



PETER F. DIYORIO, Special Assistant, Building Services Function,

will sign:



CHARLES R. DOUGHERTY, Special Assistant, Operations Analysis Staff,
Foreign Department,

will sign:



THOMAS J. FAY, JR., Chief, Cable Division, Foreign Department,

will sign:



OTHER SIGNERS—*Continued*

Paragraph 1 (page 24)—*Continued*

RICHARD G. FOX, Assistant Chief, Securities Clearance Division,
Government Bond and Safekeeping Department,
(See index for other authority)

will sign:



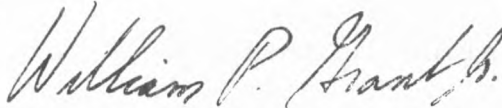
ROBERT M. GORDON, Chief, Securities Clearance Division,
Government Bond and Safekeeping Department,
(See index for other authority)

will sign:



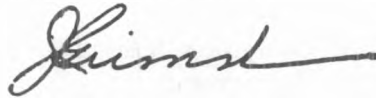
WILLIAM P. GRANT, JR., Special Assistant, Government Bond and
Safekeeping of Securities Function,
(See index for other authority)

will sign:



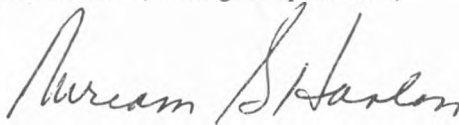
JOSEPH J. GRIMSHAW, Chief, Government Bond Division,
Government Bond and Safekeeping Department,
(See index for other authority)

will sign:



MIRIAM S. HANLON, Special Assistant, Foreign Department,
(See index for other authority)

will sign:



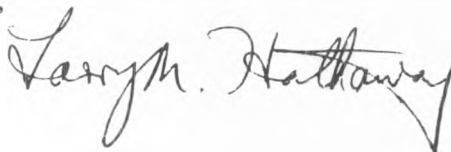
WILLIAM E. HARTMANN, Special Assistant, Check Adjustment
and Return Items Department,
(See index for other authority)

will sign:



LARRY M. HATHAWAY, Chief, Foreign Funds Division,
Foreign Department,
(See index for other authority)

will sign:



OTHER SIGNERS—Continued

Paragraph 1 (page 24)—Continued

ANDREW HEIKAUS, Chief, Foreign Operations Division,
Foreign Department,
(See index for other authority)

will sign:



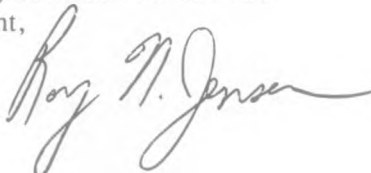
DAVID G. HOLDSWORTH, Special Assistant, Banking Studies Department,

will sign:



ROY N. JENSEN, Special Assistant, Consumer Affairs and
Bank Regulations Department,

will sign:



ROBERT J. KAMMARADA, Assistant Chief, Savings Bond Division,
Savings Bond Department,
(See index for other authority)

will sign:



KARYN A. KAPLAN, Special Assistant, Data Processing Function,

will sign:



ROBERT V. KEIHNER, JR., Special Assistant, Government Bond and
Safekeeping of Securities Function,
(See index for other authority)

will sign:



JOHN A. KLUEPFEL, Chief, Compensation Division,
Personnel Department,

will sign:

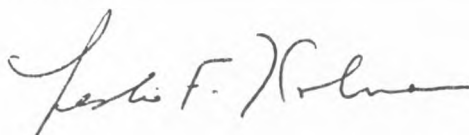


OTHER SIGNERS—*Continued*

Paragraph 1 (page 24)—*Continued*

LESLIE F. KOLMAN, Special Assistant, Operations Analysis Staff,
Cash and Collection Function,

will sign:



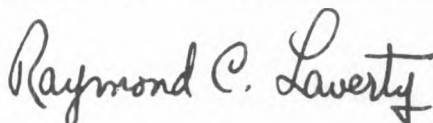
EDWIN V. LARSON, Administrative Assistant, Savings Bond Department,
(See index for other authority)

will sign:



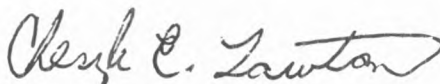
RAYMOND C. LAVERTY, Special Representative, Bank Relations Office,

will sign:




CHERYLE E. LAWTON, Equal Opportunity Specialist, Equal
Opportunity Office,

will sign:



ANN LI, Administrative Assistant, Operations Analysis Staff,
Cash and Collection Function,

will sign:



DENNIS MACKSOD, Assistant Chief, Safekeeping Division,
Government Bond and Safekeeping Department,
(See index for other authority)

will sign:



OTHER SIGNERS—*Continued*

Paragraph 1 (page 24)—*Continued*

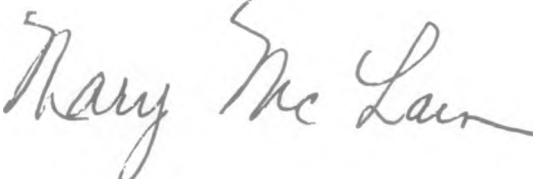
RAYMOND F. MAGNANI, Special Assistant, Data Processing Function,

will sign: 

G. CARROLL MARTENSON, Special Assistant, Foreign Department,
(See index for other authority)

will sign: 

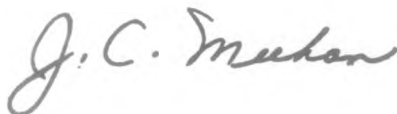
MARY McLAIN, Senior Equal Opportunity Counselor,
Equal Opportunity Office,

will sign: 

JAMES M. MCNEIL, Chief, Regulations Division, Consumer Affairs
and Bank Regulations Department,

will sign: 

JOSEPH C. MEEHAN, Building Superintendent, Building Operating
Department,

will sign: 

YDAHLIA METZGEN-BUNDY, Assistant Chief, Foreign Operations Division,
Foreign Department,
(See index for other authority)

will sign: 

OTHER SIGNERS—*Continued*

Paragraph 1 (page 24)—*Continued*

ROBERT J. MILLER, Assistant Chief, Placement and Counseling Division,
Personnel Department,

will sign:



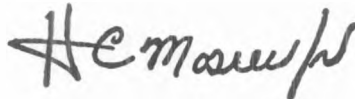
DONALD R. MOORE, Chief, Check Processing Division (Night),
Check Processing Department,
(See index for other authority)

will sign:



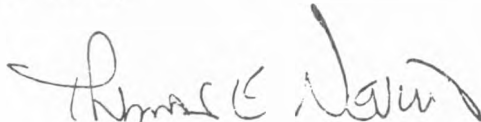
HARRY C. MOSIER, JR., Assistant Chief, Securities Clearance Division,
Government Bond and Safekeeping Department,
(See index for other authority)

will sign:



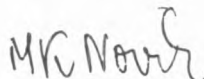
THOMAS E. NEVIUS, Special Assistant, Operations Analysis Staff,
Cash and Collection Function,

will sign:



MONIKA NOVIK, Special Assistant, Statistics Department,

will sign:

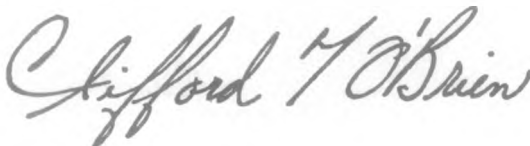


OTHER SIGNERS—*Continued*

Paragraph 1 (page 24)—*Continued*

CLIFFORD T. O'BRIEN, Assistant Chief, Check Processing Division (Day),
Check Processing Department,
(See index for other authority)

will sign:



VINCENT J. PAPPALARDO, Special Assistant, Building
Services Function,

will sign:




JAMES F. PHELAN, Administrative Assistant, Government Bond and
Safekeeping of Securities Function,
(See index for other authority)

will sign:



JEFFREY B. PRUIKSMA, Special Assistant, Check Processing Department,

will sign:



MATTHEW J. PUGLISI, Special Assistant, Operations Analysis Staff,
Check Processing Function,

will sign:



JOHN A. REED, Special Assistant, Domestic Research Department,
International Research Department, and Statistics Department,

will sign:



OTHER SIGNERS—*Continued*

Paragraph 1 (page 24)—*Continued*

CATHERINE REILLY, Assistant Chief, Check Processing Division (Night),
Check Processing Department,
(See index for other authority)

will sign:



JANET K. ROGERS, Assistant Chief, Government Bond Division,
Government Bond and Safekeeping Department,
(See index for other authority)

will sign:



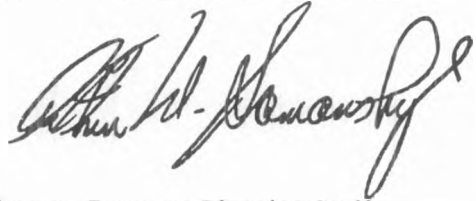
DANIEL L. ROSEN, Special Assistant, Public Information Department,

will sign:



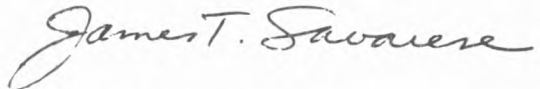
ARTHUR W. SAMANSKY, Special Assistant, Public Information
Department,

will sign:



JAMES T. SAVARESE, Staff Director, Resource Planning Staff,

will sign:



MICHELE SCHNEIDER, Special Assistant, Bank Supervision Function,

will sign:



OTHER SIGNERS—*Continued*

Paragraph 1 (page 24)—*Continued*

JACK M. SCHWARTZ, Chief, Accounting and Payment Systems Division,
Custom Systems Department,
(See index for other authority)

will sign: 

ROBERT C. SCRIVANI, Chief, Career Development Division,
Personnel Department,

will sign: 

JEROME F. SHEEHAN, JR., Administrative Assistant, Check Processing
Division (Night), Check Processing Department,
(See index for other authority)

will sign: 

SABETAY M. SIDES, Chief, Statistical Systems Division,
Custom Systems Department,
(See index for other authority)

will sign: 

MARGARET E. SLATTERY, Chief, Personnel Services Division,
Personnel Department,

will sign: 

OTHER SIGNERS—*Continued*

Paragraph 1 (page 24)—*Continued*

SUSAN B. TODER, Administrative Assistant, Management
Information Department,

will sign: 

LEO W. VAN BEEK, Training Director, Training Division,
Personnel Department,

will sign: 

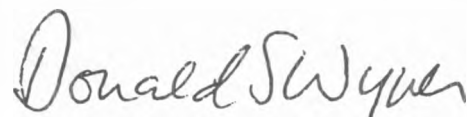
JAMES P. WALLACE, Assistant Chief, Government Bond Division,
Government Bond and Safekeeping Department,
(See index for other authority)

will sign: 

WILLIAM A. WALSH, Administrative Assistant, Operations Analysis
Staff, Cash and Collection Function,

will sign: 

DONALD S. WYNER, Chief, Securities and Credit Systems Division,
Custom Systems Department,
(See index for other authority)

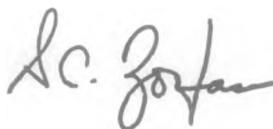
will sign: 

OTHER SIGNERS—*Continued*

Paragraph 1 (page 24)—*Continued*

STUART C. ZORFAS, Assistant Chief, Securities Operations Division,
Securities Department,
(See index for other authority)

will sign:



2. The following have authority to sign correspondence relating to the work of the sections, divisions, or staffs indicated after their respective names:

ROBERT M. ABPLANALP, Chief, Management Information Division,
Management Information Department,

will sign:



RICHARD H. ACKERSON, Assistant Chief, Collection Division,
Collection Department,
(See index for other authority)

will sign:



THOMAS E. ADAMS, Supervising Examiner, Trust Examinations Division,
Bank Examinations Department,

will sign:



DONALD F. AISSA, Assistant Chief, Collection Division,
Collection Department,
(See index for other authority)

will sign:



OTHER SIGNERS—*Continued*

Paragraph 2 (page 37)—*Continued*

M. AKBAR AKHTAR, Chief, Industrial Economies Division,
International Research Department,

will sign: 

ETHAN W. ALLEN, Office Manager (Relocation Office), Relocation
Office Division, Records Management and
Postal Services Department,

will sign: 


BENJAMIN C. ARMATO, Assistant Chief, Cable Division,
Foreign Department,

will sign: 

ELI L. BERGER, Assistant Chief, Personnel Services Division,
Personnel Department,

will sign: 

EDWARD C. BERGLIND, Chief Engineer, Power Plant Division,
Building Operating Department,

will sign: 

C. ALLEN BURLESON, Senior Bank Examiner, Specialized Examinations
and Training Division, Bank Examinations Department,

will sign: 

OTHER SIGNERS—*Continued*

Paragraph 2 (page 37)—*Continued*

HELEN M. BURNS, Chief Law Librarian, Law Library Division,
Legal Department,

will sign:



LOIS A. BURNS, Senior Banking Research Analyst, Banking Studies
Division, Banking Studies Department,

will sign:



BARBARA BUTLER, Chief, Systems Components Division,
Common Systems Department,

will sign:



THOMAS J. CAMPBELL, Chief, Foreign Banking Applications Division,
Foreign Banking Applications Department,

will sign:



VINCENT P. CENTORRINO, Chief, Central Operations Division,
User Operations Department,
(See index for other authority)

will sign:



JOHN A. CLEAR, Supervising Review Examiner, Commercial
Examinations Division, Bank Examinations Department,

will sign:



OTHER SIGNERS—*Continued*

Paragraph 2 (page 37)—*Continued*

VERONICA CLOONEY, Assistant Chief, Central Data Entry Division,
User Operations Department,
(See index for other authority)

will sign:

Veronica Clooney

RODNEY H. CONGDON, Assistant Chief Law Librarian, Law Library
Division, Legal Department,

will sign:

Rodney H. Congdon

NORWOOD CROUT, Supervising Analyst, Technical Services Division,
Telecommunications Department,

will sign:

Norwood Crout

RICHARD F. DANBECK, Special Assistant, Foreign Account Relations
Management Staff, Foreign Department,

will sign:

Richard F. Danbeck

AARON S. DRILLICK, Senior Management Information Analyst,
Management Information Division, Management
Information Department,

will sign:

Aaron Drillick

FREDERICK T. ECKHOFF, Assistant Chief, Building Maintenance Division,
Building Operating Department,

will sign:

Fred T. Eckhoff

OTHER SIGNERS—*Continued*

Paragraph 2 (page 37)—*Continued*


MARCOS ELVIRA, Assistant Chief Engineer, Power Plant Division,
Building Operating Department,

will sign:



EVELYN C. FALLEK, Chief, Domestic Banking Applications Division,
Domestic Banking Applications Department,

will sign:



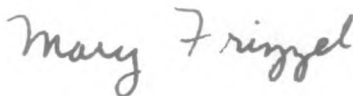
MICHAEL F. FORGO, Bank Supervision Specialist, Bank Analysis Division,
Bank Analysis Department,

will sign:



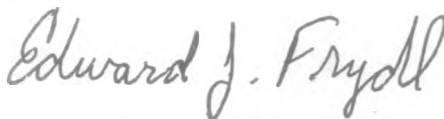
MARY J. FRIZZEL, Assistant Chief, Discount Division, Credit and
Discount Department,
(See index for other authority)

will sign:



EDWARD J. FRYDL, Chief, Balance of Payments Division, International
Research Department,

will sign:



JOSEPH E. FUREY, JR., Senior Systems Specialist, Switching Services
Division, Telecommunications Department,
(See index for other authority)

will sign:

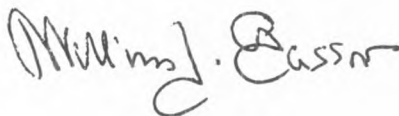


OTHER SIGNERS—*Continued*

Paragraph 2 (page 37)—*Continued*

WILLIAM J. GASSER, Chief, Developing Economies Division,
International Research Department,

will sign:



JAMES H. GAVER, Chief, Central Data Entry Division,
User Operations Department,

will sign:



DAVID L. GLASS, Chief, Credit Analysis Division, Credit and
Discount Department,
(See index for other authority)

will sign:



FREDERIC L. GOLDBERG, Senior Telecommunications Operations Analyst,
Switching Services Division, Telecommunications Department,

will sign:



PETER M. GORDON, Chief, Technical Services Division,
Telecommunications Department,

will sign:



DORIS M. GREVIOUS, Assistant Chief, Central Operations Division,
User Operations Department,
(See index for other authority)

will sign:



OTHER SIGNERS—*Continued*

Paragraph 2 (page 37)—*Continued*

ANDREW GRIESHABER, Assistant Chief, Building Service Division,
Building Operating Department,

will sign:



GARY HABERMAN, Chief, Accounting Control Division,
Accounting Department,
(See index for other authority)

will sign:



ALFRED E. HAMEL, Supervising Examiner, Specialized Examinations
and Training Division, Bank Examinations Department,

will sign:



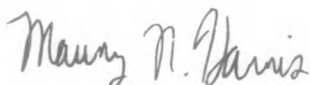
STEPHEN P. HANSSEN, Senior Systems Analyst, Space and Facilities
Division, Building Operating Department,

will sign:



MAURY N. HARRIS, Chief, Financial Markets Division, Domestic
Research Department,

will sign:



JOHN C. HEIDELBERGER, Chief, Switching Services Division,
Telecommunications Department,
(See index for other authority)

will sign:

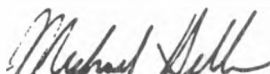


OTHER SIGNERS—*Continued*

Paragraph 2 (page 37)—*Continued*

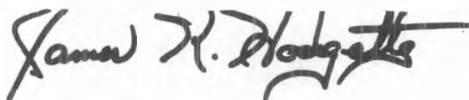
MICHAEL HELLER, Chief, Technical Services Division, Computer
Operations Department,

will sign:



JAMES K. HODGETTS, Senior Bank Examiner, Specialized Examinations
and Training Division, Bank Examinations Department,

will sign:



PATRICIA HUMPHREYS, Director of Employee Activities, Personnel
Services Division, Personnel Department,
(See index for other authority)

will sign:



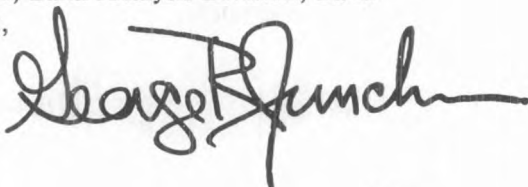
HILDON G. JAMES, Assistant Chief, Sorting and Counting Division,
Cash Department,
(See index for other authority)

will sign:



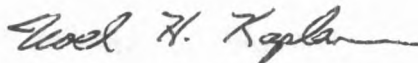
GEORGE R. JUNKER, Chief, Bank Analysis Division, Bank
Analysis Department,

will sign:



NOEL H. KAPLAN, Assistant Chief, Switching Services Division,
Telecommunications Department,
(See index for other authority)

will sign:



OTHER SIGNERS—*Continued*

Paragraph 2 (page 37)—*Continued*

ROBERT R. KEANE, Chief, Post Office Division,
Records Management and Postal Services Department,
(See index for other authority)

will sign:

Robert R. Keane

EVELYN E. KENDER, College Relations Representative, Career
Development Division, Personnel Department,

will sign:

Evelyn E. Kender

CHESTER E. KMIEC, Chief, Building Maintenance Division, Building
Operating Department,

will sign:

Chester E. Kmiec

PHILIP KRACKOW, Chief, Visual Aids Division, Research
Support Department,

will sign:

Philip Krackow

JOSEPH KRAWIEC, Supervisor, Paying and Receiving Section, Coin
Division, Cash Department,
(See index for other authority)

will sign:

Joseph Krawiec

VINCENT J. KULDA, Chief, Foreign Banking Applications Division,
Foreign Banking Applications Department,

will sign:

Vincent J. Kulda

OTHER SIGNERS—Continued

Paragraph 2 (page 37)—Continued


DAVID W. LAM, Bank Supervision Specialist, Bank Analysis Division,
Bank Analysis Department,

will sign: 

THOMAS J. LAWLER, Assistant Chief, Sorting and Counting Division,
Cash Department,
(See index for other authority)

will sign: 

ALBERT R. LEISENGANG, Assistant Chief, Coin Division,
Cash Department,
(See index for other authority)

will sign: 

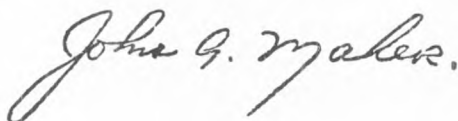
PAUL C. LIPSON, Senior Management Information Analyst,
Management Information Division, Management
Information Department,

will sign: 

STELLA E. LORANCA, Bank Supervision Specialist, Bank Analysis
Division, Bank Analysis Department,

will sign: 

JOHN A. MAHER, JR., Chief, Coin Division, Cash Department,
(See index for other authority)

will sign: 

OTHER SIGNERS—*Continued*

Paragraph 2 (page 37)—*Continued*

GEORGE J. MANGER, Special Assistant, Central Operations Division,
User Operations Department,
(See index for other authority)

will sign: 

MARYANN MARON, Assistant Chief, Paying and Receiving Division,
Cash Department,
(See index for other authority)

will sign: 

CAROL J. MAWHINNEY, Foreign Visitors' Assistant, Foreign Accounts
Relations Management Staff, Foreign Department,

will sign: 

CAROL A. MCGINLEY, Research Assistant, Banking Studies Division,
Banking Studies Department,

will sign: 

HARRY Z. MELZER, Chief, Data Management Division,
Common Systems Department,

will sign: 

OTHER SIGNERS—Continued

Paragraph 2 (page 37)—Continued

ANN-MARIE MEULENDYKE, Chief, Securities Analysis Division,
Securities Department,

will sign: *Ann-Marie Meulendyke*

WILLIAM J. MILUSICH, Supervising Examiner, International
Examinations Division, Bank Examinations Department,

will sign: *William J. Milusich*

CHARLES J. MINEER, Chief, Collection Division, Collection Department,
(See index for other authority)

will sign: *Charles J. Mineer*

ANTHONY J. MONTELARO, JR., Supervising Examiner, Holding Company
Inspections Division, Bank Examinations Department,

will sign: *Anthony J. Montelaro*

HAROLD EDWARD MORRISSEY, Chief, Discount Division, Credit and
Discount Department,
(See index for other authority)

will sign: *H. Morrissey*

KATHLEEN A. O'NEIL, Assistant Chief, Accounting Control Division,
Accounting Department,
(See index for other authority)

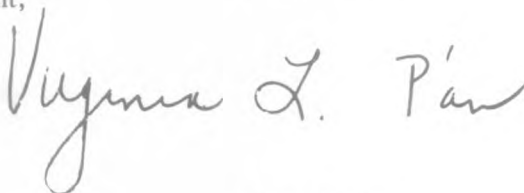
will sign: *Kathleen A. O'Neil*

OTHER SIGNERS—Continued

Paragraph 2 (page 37)—Continued

VIRGINIA L. P'AN, Assistant Chief, Accounting Operations Division,
Accounting Department,
(See index for other authority)

will sign:



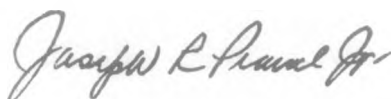
CORINE PARODI, Research Assistant, Banking Studies Division,
Banking Studies Department,

will sign:



JOSEPH R. PRANCL, JR., Chief, Accounting Operations Division,
Accounting Department,
(See index for other authority)

will sign:



ANTHONY V. PUCCIARELLI, Chief, Disbursing Division,
Management Information Department,
(See index for other authority)

will sign:



EDWARD J. REGAN, Chief, Domestic Reports Division,
Statistics Department,

will sign:



JOHN P. REICH, Chief, Public Information Division,
Public Information Department,

will sign:



OTHER SIGNERS—*Continued*

Paragraph 2 (page 37)—*Continued*

CHARLES E. ROCKEY, Chief, Wire Transfer Division,
Collection Department,
(See index for other authority)

will sign:



EDWARD J. ROONEY, JR., Chief, Circulars Division, Secretary's Office,

will sign:



LEONARD G. SAHLING, Chief, Business Conditions Division,
Domestic Research Department,

will sign:



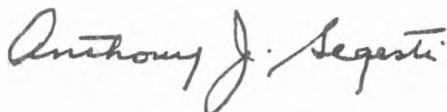
JOSEPH M. SCHULTZ, Assistant Chief, Paying and Receiving Division,
Cash Department,
(See index for other authority)

will sign:



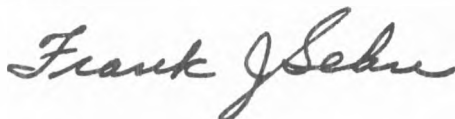
ANTHONY J. SEGESTI, Chief, Administrative Services Division, Consumer
Affairs and Bank Regulations Department,

will sign:



FRANK J. SEHN, Chief, Building Service Division,
Building Operating Department,

will sign:



OTHER SIGNERS—*Continued*

Paragraph 2 (page 37)—*Continued*

DAVID S. SLACKMAN, Chief, Sorting and Counting Division,
Cash Department,
(See index for other authority)

will sign:



ARNOLD J. SLANSKY, Special Assistant, Credit Analysis Division,
Credit and Discount Department,
(See index for other authority)

will sign:



LEO J. SMITH, Special Assistant, Domestic Banking Applications
Division, Domestic Banking Applications Department,

will sign:



DAVID A. SOBOTKA, Research Assistant, Banking Studies Division,
Banking Studies Department,

will sign:



ATHANASSIOS M. TRIANTAPHYLLOU, Chief, Computer Facilities Division,
Computer Operations Department,

will sign:



JOSEPH R. VALENTINE, Assistant Chief, Visual Aids Division,
Research Support Department,

will sign:



OTHER SIGNERS—*Continued*

Paragraph 2 (page 37)—*Continued*

EDWARD W. WARDE, Supervising Review Examiner, Commercial
Examinations Division, Bank Examinations Department,

will sign:

Edward W. Ward

MAMIE WATSON, Assistant Chief, Wire Transfer Division,
Collection Department,
(See index for other authority)

will sign:

M Watson

STEVEN WEISBROD, Economist, Banking Studies Division,
Banking Studies Department,

will sign:

St. R. Weissbrod

JOHN A. WENNINGER, Chief, Monetary Analysis Division,
Domestic Research Department,

will sign:

John Wenninger

BETSY B. WHITE, Chief, International Reports Division,
Statistics Department,

will sign:

Betsy Buttrill White

JOHN E. WHITNEY, Assistant Chief, Disbursing Division,
Management Information Department,
(See index for other authority)

will sign:

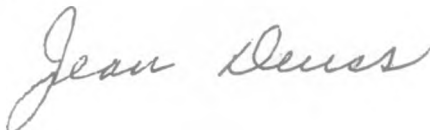
J E. Whitney

OTHER SIGNERS—*Continued*

3. The following have authority to sign (a) correspondence relating to the work of the Research Library Division, Research Support Department, and (b) purchase-order forms for printed matter furnished or to be furnished to the Research Library Division:

JEAN DEUSS, Chief Librarian, Research Library Division,
Research Support Department,

will sign:



RUTH L. SCHAEFER, Assistant Chief Librarian, Research Library
Division, Research Support Department,


will sign:



4. The following has authority to sign (a) correspondence relating to the work of the Technical Services Division, in connection with the operations of the Computer Sciences Library, and (b) purchase-order forms for printed matter furnished or to be furnished to the Computer Sciences Library of the Technical Services Division:

JOAN A. LABUDDE, Administrative Assistant, Technical Services
Division, Computer Operations Department,

will sign:



5. The following has authority to sign correspondence, purchase-order forms, and contracts covering supplies, equipment, and services furnished or to be furnished to the Bank:

DONALD J. BARNETT, Purchasing Agent, Purchasing Division,
Service Department,

will sign:



OTHER SIGNERS—*Continued*

6. The following has authority to sign purchase-order forms and contracts covering supplies, equipment, and services furnished or to be furnished to the Bank:

JOSEPH J. MALENA, Assistant Purchasing Agent, Purchasing Division,
Service Department,

will sign:



7. The following have authority to sign per procurement correspondence relating to the routine operations of the divisions indicated after their respective names:

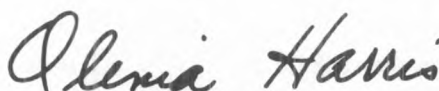
RUDOLPH J. BEHNKEN (Discount Division of the Credit and
Discount Department)

will sign:
per pro



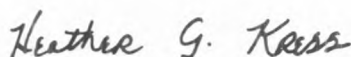
OLENIA M. HARRIS (Training Division of the Personnel Department)

will sign:
per pro



HEATHER G. KRESS (Consumer Affairs Division of the Consumer Affairs
and Bank Regulations Department)

will sign:
per pro



MARY JO SEAGRIFF (Personnel Services Division of the Personnel
Department)

will sign:
per pro



OTHER SIGNERS—*Continued*

8. The following have authority to sign per procuration correspondence, advices, receipts, and tickets relating to the routine operations of the departments or divisions indicated after their respective names:

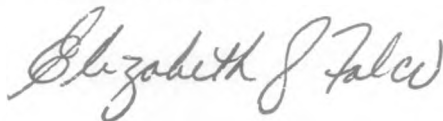
OLGA CENNERAZZO (Savings Bond Division)

will sign:
per pro



ELIZABETH G. FALCO (Public Information Division)

will sign:
per pro



RICHARD S. FAZIO (Post Office Division of the Records Management and Postal Services Department)

will sign:
per pro



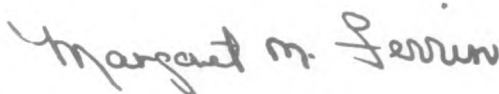
CAESAR A. FEDERICO (Post Office Division of the Records Management and Postal Services Department)

will sign:
per pro



MARGARET M. FERRIN (Public Information Department)

will sign:
per pro



JOHN G. HAHNENBERGER (Check Adjustment and Return Items Department)

will sign:
per pro



OTHER SIGNERS—Continued

Paragraph 8 (page 55)—Continued

WALTER JABLONSKI (Savings Bond Division)

will sign:
per pro




BRUNILDA LOPEZ (Savings Bond Division)

will sign:
per pro



ROBERT J. MINA (Post Office Division of the Records Management and
Postal Services Department)

will sign:
per pro



RALPH T. PETERSEN (Check Adjustment and Return Items Department)

will sign:
per pro



HAROLD SELDAL (Discount Division of the Credit and Discount
Department)

will sign:
per pro



REGINALD J. SKOWRONSKI (Savings Bond Department)

will sign:
per pro



OTHER SIGNERS—Continued

9. The following have authority to sign per procurement advices, receipts and tickets, and checks drawn on this Bank, relating to the routine operations of the departments or divisions indicated after their respective names:

PETER J. BERNARD (Foreign Department)

will sign:
per pro



STEPHEN J. BERNATOWICZ (Government Bond and Safekeeping
Department)

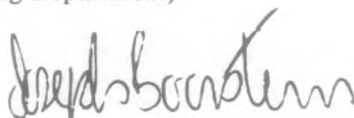
(See index for other authority)

will sign:
per pro



JOSEPH BOORSTEIN (Accounting Department)

will sign:
per pro



OLGA R. CARTELLI (Foreign Department)

will sign:
per pro



ROBERT A. CHATTEN (Accounting Department)

will sign:
per pro



JOHN F. CONRAD (Safekeeping Division of the Government Bond
and Safekeeping Department)

will sign:
per pro

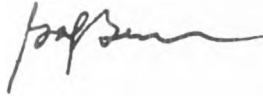


OTHER SIGNERS—*Continued*

Paragraph 9 (page 57)—*Continued*

GASPARE DE GESU (Foreign Department)

will sign:
per pro



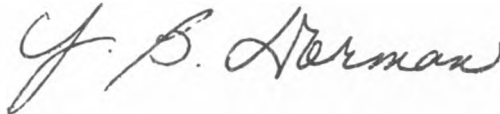
ALICE C. DiBIASE (Foreign Department)

will sign:
per pro



YVONNE B. DORMAN (Accounting Department)

will sign:
per pro



KATHLEEN M. FISHER (Foreign Department)

will sign:
per pro



CHRISTINE M. GALLUCCI (Foreign Department)

will sign:
per pro



MARGARET M. GIRSCHICK (Foreign Department)
(See index for other authority)

will sign:
per pro



CATHERINE J. GORMAN (Government Bond and Safekeeping Department)

will sign:
per pro



OTHER SIGNERS—*Continued*

Paragraph 9 (page 57)—*Continued*

GARY HABERMAN (Accounting Control Division of the
Accounting Department)
(See index for other authority)

will sign:
per pro

Gary Haberman

ALICE C. HARTMANN (Disbursing Division of the Management
Information Department)

will sign:
per pro

Alice C. Hartmann

KATHLEEN ISAACS (Foreign Department)

will sign:
per pro

K. Isaacs

JOHN L. KELLY (Paying and Receiving Division of the
Cash Department)

will sign:
per pro

John L. Kelly

JOHN J. KOLLAR (Foreign Department)

will sign:
per pro

J. Kollar

JUDITH LAINO (Foreign Department)

will sign:
per pro

J. Laino

OTHER SIGNERS—*Continued*

Paragraph 9 (page 57)—*Continued*

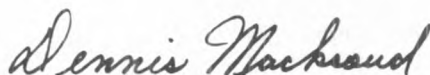
OLGA LESSUK (Foreign Department)

will sign:
per pro



DENNIS MACKSOUND (Government Bond and Safekeeping Department)
(See index for other authority)

will sign:
per pro



MARYANN MARON (Paying and Receiving Division of the
Cash Department)
(See index for other authority)

will sign:
per pro



WILLIAM J. MAYNES (Collection Department)

will sign:
per pro



JAMES P. MOMBERT (Accounting Department)

will sign:
per pro



THOMAS J. O'CONNELL (Foreign Department)
(See index for other authority)

will sign:
per pro



OTHER SIGNERS—*Continued*

Paragraph 9 (page 57)—*Continued*

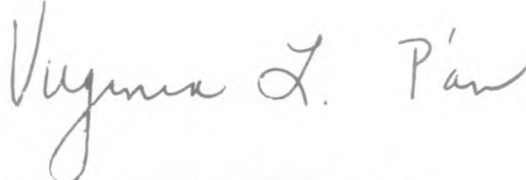
KATHLEEN A. O'NEIL (Accounting Control Division of the
Accounting Department)
(See index for other authority)

will sign:
per pro



VIRGINIA L. P'AN (Accounting Operations Division of the
Accounting Department)
(See index for other authority)

will sign:
per pro



JOSEPH R. PRANCL, JR. (Accounting Operations Division of the
Accounting Department)
(See index for other authority)

will sign:
per pro



LORRAINE C. REAVES (Foreign Department)

will sign:
per pro



LUCILLE REGANO (Foreign Department)

will sign:
per pro



CHARLES E. ROCKEY (Collection Department)
(See index for other authority)

will sign:
per pro



OTHER SIGNERS—*Continued*

Paragraph 9 (page 57)—*Continued*

JOSEPH M. SCHULTZ (Paying and Receiving Division of the
Cash Department)
(See index for other authority)

will sign:
per pro



THIRZA H. STROUD (Foreign Department)

will sign:
per pro



FRANK SUCKIEL (Disbursing Division of the Management
Information Department)

will sign:
per pro



DONALD F. UCCI (Safekeeping Division of the Government Bond and
Safekeeping Department)

will sign:
per pro



RAYMOND WARNER (Foreign Department)

will sign:
per pro

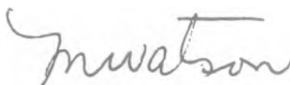


OTHER SIGNERS—*Continued*

Paragraph 9 (page 57)—*Continued*

MAMIE WATSON (Wire Transfer Division of the Collection Department)
(See index for other authority)

will sign:
per pro



WILLIAM WUESTEFELD (Safekeeping Division of the Government Bond
and Safekeeping Department)

will sign:
per pro



10. The following have authority to sign per procurement advices,
receipts, and tickets relating to the routine operations of the departments
or divisions indicated after their respective names:

LAWRENCE B. AIKEN (Acceptance Department)

will sign:
per pro



SALVATORE J. AMARI (Accounting Department)

will sign:
per pro



LORETTA G. ANSBRO (Cash and Funds Transfer Systems Division of the
Custom Systems Department)
(See index for other authority)

will sign:
per pro



OTHER SIGNERS—*Continued*

Paragraph 10 (page 63)—*Continued*

OLLIE MAE ARMSTRONG (Collection Division)

will sign:
per pro

O. M. Armstrong

ALVIN N. AUGUSTUS (Check Processing Department)

will sign:
per pro

Alvin N. Augustus

MARY ANNE BANEVICIUS (Check Adjustment Division of the Check
Adjustment and Return Items Department)
(See index for other authority)

will sign:
per pro

Mary Anne Banevicius

VIRGINIA BEDROSIAN (Check Adjustment and Return Items Department)

will sign:
per pro

V. Bedrosian

MABLE E. BLAKE (Check Processing Division (Night))

will sign:
per pro

Mable E. Blake

OTHER SIGNERS—Continued

Paragraph 10 (page 63)—Continued

DANIEL BOLWELL (Securities Department)

(See index for other authority)

will sign:
per pro



EDWARD A. BOTJER (Acceptance Department)

will sign:
per pro



DANIEL BREEN (Accounting Department)

will sign:
per pro



LORETTA C. BURKE (Analytical Systems Division of the Custom
Systems Department)

(See index for other authority)

will sign:
per pro



VERONICA J. BURNS (Return Items Division of the Check Adjustment
and Return Items Department)

will sign:
per pro



EDWARD BUSIGO (Collection Division)

will sign:
per pro



OTHER SIGNERS—Continued

Paragraph 10 (page 63)—Continued

JOYCE E. BUZINSKI (Collection Division)

will sign:
per pro



HECTOR L. CARRION (Check Processing Department)

will sign:
per pro



WILLIAM D. CAVANAUGH (Securities Operations Division of the
Securities Department)

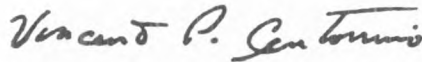
will sign:
per pro



VINCENT P. CENTORRINO (Central Operations Division of the User
Operations Department)

(See index for other authority)

will sign:
per pro



THERESA R. CHECKI (Check Processing Department)

(See index for other authority)

will sign:
per pro



CHARLES F. CHIRICO (Check Adjustment and Return Items Department)

(See index for other authority)

will sign:
per pro



OTHER SIGNERS—*Continued*

Paragraph 10 (page 63)—*Continued*

VERONICA CLOONEY (Central Data Entry Division of the User
Operations Department)
(See index for other authority)

will sign:
per pro



EARTHA COLLINS (Accounting Operations Division of the
Accounting Department)

will sign:
per pro



PATRICIA COSTA (Check Processing Department)

will sign:
per pro



JOSEPH G. COYNE (Check Processing Department)

will sign:
per pro



ALEXANDROS DAKOUVANOS (Paying and Receiving Division
of the Cash Department)
(See index for other authority)

will sign:
per pro



JOHN P. DARBY (Check Adjustment and Return Items Department)

will sign:
per pro

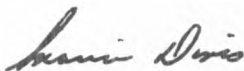


OTHER SIGNERS—*Continued*

Paragraph 10 (page 63)—*Continued*

MARIE DAVIS (Securities Clearance Division of the Government Bond and Safekeeping Department)

will sign:
per pro



JOSEPH A. DE PRIMO (Check Processing Division (Day))

will sign:
per pro



JOHN J. DEVANY (Check Processing Division (Night))

will sign:
per pro



GERALD J. DILLON (Accounting Control Division of the Accounting Department)

will sign:
per pro



RONALD E. DITTMAN (Securities Clearance Division of the Government Bond and Safekeeping Department)

will sign:
per pro



RUTH DIXON (Check Processing Division (Night))

will sign:
per pro



OTHER SIGNERS—*Continued*

Paragraph 10 (page 63)—*Continued*

KENNETH R. DUSS (Check Processing Department)

will sign:
per pro



JOAN M. EDINGTON (Collection Division)

will sign:
per pro



VIOLA S. ELLERBIE (Check Processing Division (Day))

will sign:
per pro



RITA L. ERRICO (Check Adjustment and Return Items Department)

will sign:
per pro



MARIE ESPOSITO (Securities Clearance Division of the Government Bond
and Safekeeping Department)

will sign:
per pro



MARTIN FARRELL (Check Processing Division (Day))

will sign:
per pro



OTHER SIGNERS—*Continued*

Paragraph 10 (page 63)—*Continued*

GEORGE A. FERRARO (Check Processing Division (Night))

will sign:
per pro

George Ferraro

WILLIAM G. FITCH (Accounting Department)

will sign:
per pro

W Fitch

DENNIS M. FORDE (Disbursing Division of the Management
Information Department)

will sign:
per pro

Dennis M. Forde

RICHARD G. FOX (Government Bond and Safekeeping Department)
(See index for other authority)

will sign:
per pro

Richard G. Fox

MARY J. FRIZZEL (Discount Division of the Credit and
Discount Department)
(See index for other authority)

will sign:
per pro

Mary Frizzel

JOSEPH E. FUREY, JR. (Switching Services Division of the
Telecommunications Department)
(See index for other authority)

will sign:
per pro

Joseph E. Furey, Jr.

OTHER SIGNERS—Continued

Paragraph 10 (page 63)—Continued

ELEANOR GARVEY (Securities Clearance Division of the Government Bond
and Safekeeping Department)

will sign:
per pro

E Garvey

JOHN P. GAUDIOSO (Government Bond and Safekeeping Department)

will sign:
per pro

John P. Gaudioso

ESTELLE GERMAIN (Accounting Operations Division of the
Accounting Department)

will sign:
per pro

E. Germain

DAVID L. GLASS (Credit Analysis Division of the Credit and
Discount Department)

(See index for other authority)

will sign:
per pro

David L. Glass

LORENCE R. GOULBOURNE (Savings Bond Division)

will sign:
per pro

Lorence Goulbourne

DORIS M. GREVIOUS (Central Operations Division of the User
Operations Department)

(See index for other authority)

will sign:
per pro

D. Grevious

OTHER SIGNERS—*Continued*

Paragraph 10 (page 63)—*Continued*

WILLIAM E. HARTMANN (Check Adjustment and Return
Items Department)
(See index for other authority)

will sign:
per pro



PHYLLIS HAVLICEK (Accounting Control Division of the
Accounting Department)

will sign:
per pro



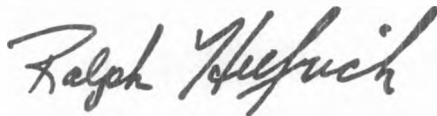
JOHN C. HEIDELBERGER (Switching Services Division of the
Telecommunications Department)
(See index for other authority)

will sign:
per pro



RALPH T. HELFRICH (Acceptance Department)

will sign:
per pro



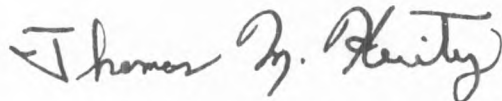
FRED C. HENLEY (Check Processing Department)

will sign:
per pro



THOMAS M. HERITY (Disbursing Division of the Management
Information Department)

will sign:
per pro



OTHER SIGNERS—Continued

Paragraph 10 (page 63)—Continued

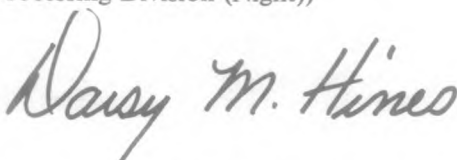
JUANITA HILL (Accounting Control Division of the
Accounting Department)

will sign:
per pro



DAISY M. HINES (Check Processing Division (Night))

will sign:
per pro



JOHN D. HORGAN (Coin Division of the Cash Department)

will sign:
per pro



RONALD E. HUDSON (Check Processing Department)

will sign:
per pro



PATRICIA HUMPHREYS (Personnel Department)
(See index for other authority)

will sign:
per pro



JOSEPHINE A. INGRAM (Check Processing Department)

will sign:
per pro



OTHER SIGNERS—*Continued*

Paragraph 10 (page 63)—*Continued*

GEORGE T. INSERRA (Government Bond and Safekeeping Department)
(See index for other authority)

will sign:
per pro



ETHELIN ISBRUL (Check Processing Department)

will sign:
per pro



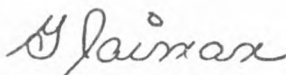
EDWARD F. JAHN (Check Processing Department)

will sign:
per pro



GRACE JAIMAN (Securities Clearance Division of the Government Bond
and Safekeeping Department)

will sign:
per pro



HILDON G. JAMES (Sorting and Counting Division of the
Cash Department)
(See index for other authority)

will sign:
per pro



MARGARET JENSEN (Check Processing Division (Night))

will sign:
per pro



OTHER SIGNERS—Continued

Paragraph 10 (page 63)—Continued

BARBARA J. JOHNSON (Accounting Operations Division of the
Accounting Department)

will sign:

per pro



MARGARET F. JOHNSON (Check Processing Division (Day))

will sign:

per pro



SANDRA P. JOHNSON (Securities Clearance Division of the Government
Bond and Safekeeping Department)

will sign:

per pro



RUDOLPH L. JURDAK (Check Processing Department)

will sign:

per pro



NOEL H. KAPLAN (Switching Services Division of the
Telecommunications Department)

(See index for other authority)

will sign:

per pro



ROBERT R. KEANE (Post Office Division of the Records Management and
Postal Services Department)

(See index for other authority)

will sign:

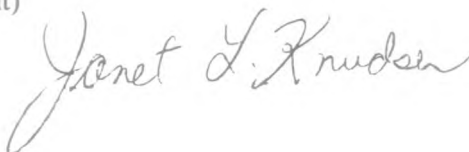
per pro



JANET L. KNUDSEN (Securities Operations Division of the
Securities Department)

will sign:

per pro



OTHER SIGNERS—Continued

Paragraph 10 (page 63)—Continued

LEONARD F. KOSCIUCH (Check Processing Department)

will sign:
per pro



JOSEPH KRAWIEC (Coin Division of the Cash Department)
(See index for other authority)

will sign:
per pro




THOMAS J. LAWLER (Sorting and Counting Division of the
Cash Department)
(See index for other authority)

will sign:
per pro



ALBERT R. LEISENGANG (Coin Division of the Cash Department)
(See index for other authority)

will sign:
per pro



ANN L. LEO (Check Processing Division (Day))

will sign:
per pro



JEREMIAH LETTIERI (Government Bond Division of the Government Bond
and Safekeeping Department)
(See index for other authority)

will sign:
per pro



OTHER SIGNERS—Continued

Paragraph 10 (page 63)—Continued

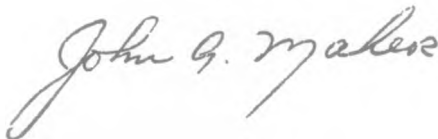
CLEMENTE MAGLIONE (Government Bond Division of the Government
Bond and Safekeeping Department)
(See index for other authority)

will sign:
per pro



JOHN A. MAHER, JR. (Coin Division of the Cash Department)
(See index for other authority)

will sign:
per pro



GEORGE J. MANGER (Central Operations Division of the User
Operations Department)
(See index for other authority)

will sign:
per pro



THOMAS F. MANNING (Check Processing Department)

will sign:
per pro



CATHERINE MAVROPOULOU (Check Processing Division (Night))

will sign:
per pro



KENNETH McLAIN (Savings Bond Division)

will sign:
per pro

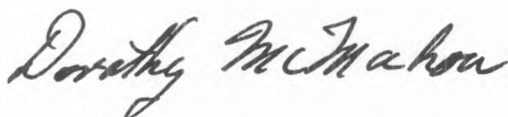


OTHER SIGNERS—*Continued*

Paragraph 10 (page 63)—*Continued*

DOROTHY A. McMAHON (Check Processing Department)

will sign:
per pro



PAUL E. MONTAGNA (Wire Transfer Division of the
Collection Department)

will sign:
per pro



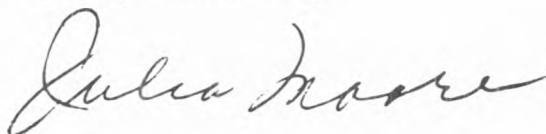
DONALD R. MOORE (Check Processing Department)
(See index for other authority)

will sign:
per pro



JULIA N. MOORE (Check Processing Division (Night))

will sign:
per pro



HAROLD EDWARD MORRISSEY (Discount Division of the Credit and
Discount Department)
(See index for other authority)

will sign:
per pro



ETHEL E. MORTON (Check Processing Division (Night))

will sign:
per pro



OTHER SIGNERS—Continued

Paragraph 10 (page 63)—Continued

HARRY C. MOSIER, JR. (Government Bond and
Safekeeping Department)

(See index for other authority)

will sign:
per pro



MICHAEL W. MOWBRAY (Government Bond Division of the Government
Bond and Safekeeping Department)

(See index for other authority)

will sign:
per pro



WALTER E. MURPHY (Government Bond and Safekeeping Department)

(See index for other authority)

will sign:
per pro



LILLIAN NUNEZ (Check Processing Division (Night))

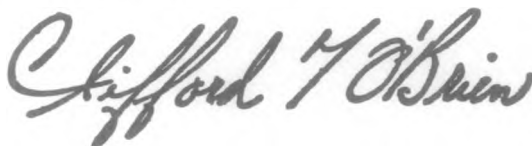
will sign:
per pro



CLIFFORD T. O'BRIEN (Check Processing Department)

(See index for other authority)

will sign:
per pro



JANET A. ORERA (Check Processing Division (Day))

will sign:
per pro



OTHER SIGNERS—*Continued*

Paragraph 10 (page 63)—*Continued*

MARVIN J. OSTEEN (Check Processing Division (Night))

will sign:
per pro

Marvin Osteen

JOHN PANARELLA (Central Operations Division of the User
Operations Department)

will sign:
per pro

John Panarella

RUTH N. POWELL (Check Adjustment and Return Items Department)

will sign:
per pro

R. Powell

ANTHONY V. PUCCIARELLI (Disbursing Division of the Management
Information Department)
(See index for other authority)

will sign:
per pro

A. V. Pucciarelli

CARLO QUATRARO (Check Processing Division (Night))

will sign:
per pro

C. Quatraro

JOSEPH RANDAZZO (Check Processing Division (Night))

will sign:
per pro

Joseph Randazzo

OTHER SIGNERS—*Continued*

Paragraph 10 (page 63)—*Continued*

HELENE M. REID (Check Processing Department)

will sign:
per pro

H.M. Reid

CATHERINE REILLY (Check Processing Department)
(See index for other authority)

will sign:
per pro

Catherine Reilly

NANCY R. RIVERA (Accounting Control Division of the
Accounting Department)

will sign:
per pro

Nancy Rivera

DORA JEAN ROBINSON (Check Processing Department)

will sign:
per pro

D Robinson

MARCELINO C. RODRIGUEZ (Check Processing Department)

will sign:
per pro

McRodriguez

ALLAN I. ROTHBAUM (Securities Department)

will sign:
per pro

A.I. Rothbaum

OTHER SIGNERS—Continued

Paragraph 10 (page 63)—Continued

FELICE A. ROVEGNO (Securities Clearance Division of the Government
Bond and Safekeeping Department)

will sign:
per pro



CHARLES R. RUSSELL, SR. (Switching Services Division of the
Telecommunications Department)

will sign:
per pro



FLORA SANTOSTEFANO (Wire Transfer Division of the
Collection Department)

will sign:
per pro



EUGENE J. SAVARESE (Check Processing Division (Night))

will sign:
per pro



BERNARD J. SCHEFTEL (Collection Division)

will sign:
per pro



JACK M. SCHWARTZ (Accounting and Payment Systems Division of the
Custom Systems Department)
(See index for other authority)

will sign:
per pro



OTHER SIGNERS—Continued

Paragraph 10 (page 63)—Continued

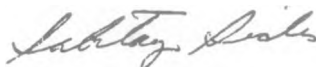
JEROME F. SHEEHAN, JR. (Check Processing Division (Night))
(See index for other authority)

will sign:
per pro



SABETAY M. SIDES (Statistical Systems Division of the Custom
Systems Department)
(See index for other authority)

will sign:
per pro



DAVID S. SLACKMAN (Sorting and Counting Division of the
Cash Department)
(See index for other authority)

will sign:
per pro



ARNOLD J. SLANSKY (Credit Analysis Division of the Credit and
Discount Department)
(See index for other authority)

will sign:
per pro



EARLINE E. SMITH (Check Processing Division (Night))

will sign:
per pro



PETER SOMMO (Government Bond and Safekeeping Department)
(See index for other authority)

will sign:
per pro



OTHER SIGNERS—Continued

Paragraph 10 (page 63)—Continued

JULIA E. STIFF (Check Processing Division (Day))

will sign:
per pro



RUBIE TIMMONS (Check Processing Division (Night))

will sign:
per pro



DEBRA J. TOOMER (Securities Clearance Division of the Government
Bond and Safekeeping Department)

will sign:
per pro



VIVIAN TRENT (Check Processing Department)

will sign:
per pro



CECIL L. TUCKER (Check Processing Department)

will sign:
per pro



RONALD URBANSKI (Securities Operations Division of the
Securities Department)

will sign:
per pro



OTHER SIGNERS—*Continued*

Paragraph 10 (page 63)—*Continued*

ZAIDA M. VALENTIN (Check Adjustment Division of the
Check Adjustment and Return Items Department)

will sign:
per pro

Z. M. Valentin

JOHN E. WALKER (Check Processing Division (Night))

will sign:
per pro

J. Walker

ERIC WASHINGTON (Accounting Operations Division of
the Accounting Department)

will sign:
per pro

Eric Washington

TOBIE WEINTRAUB (Check Adjustment Division of the Check Adjustment
and Return Items Department)

will sign:
per pro

Tobie Weintraub

ERNESTINE WHITAKER (Check Adjustment and Return Items Department)

will sign:
per pro

E. Whitaker

JOHN E. WHITNEY (Disbursing Division of the Management
Information Department)
(See index for other authority)

will sign:
per pro

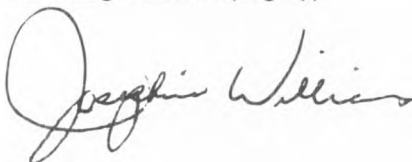
J. E. Whitney

OTHER SIGNERS—Continued

Paragraph 10 (page 63)—Continued

JOSEPHINE B. WILLIAMS (Check Processing Division (Night))

will sign:
per pro



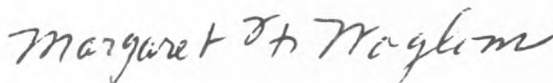
RUBIN R. WILSON (Accounting Operations Division of the
Accounting Department)

will sign:
per pro



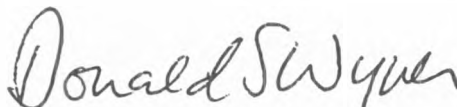
MARGARET F. WOGLOM (Check Adjustment Division of the Check
Adjustment and Return Items Department)

will sign:
per pro



DONALD S. WYNER (Securities and Credit Systems Division of the Custom
Systems Department)
(See index for other authority)

will sign:
per pro



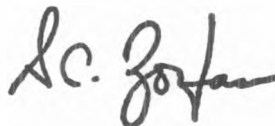
IRWIN YANISHEFSKY (Switching Services Division of the
Telecommunications Department)

will sign:
per pro



STUART C. ZORFAS (Securities Department)
(See index for other authority)

will sign:
per pro



OTHER SIGNERS—*Continued*

11. The following have authority to sign per procurement correspondence, advices, receipts, and tickets relating to the handling and processing by this Bank, as fiscal agent of the United States pursuant to instructions received by the Bank from the Treasury Department, of Federal tax deposits:

BENEDETTO ANNOSCIA

will sign:
per pro



DOROTHEA B. EDMOND

will sign:
per pro



12. The following have authority to sign per procurement certifications of checks, drafts, and other orders for the payment of money drawn on this Bank:

ALEXANDROS DAKOUVANOS
(See index for other authority)

will sign:
per pro



MARYANN MARON
(See index for other authority)

will sign:
per pro



JOSEPH M. SCHULTZ
(See index for other authority)

will sign:
per pro



OTHER SIGNERS—*Continued*

13. The following have authority to sign per procurement receipts and advices of credit relating to the routine operations of the Paying and Receiving Division, Cash Department:

JOHN EMMA

*will sign:
per pro*



ROBERT J. GUNTHER

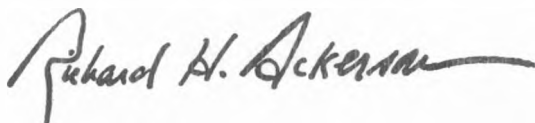
*will sign:
per pro*



14. The following have authority to sign per procurement (a) advices, receipts and tickets, and checks drawn on this Bank, relating to the routine operations of the Collection Department; (b) checks drawn by this Bank as fiscal agent of the United States on the United States Treasury pursuant to instructions received by the Bank from the Treasury Department, including checks so drawn in payment of obligations of the United States; and (c) checks drawn by and on this Bank as fiscal agent of the International Bank for Reconstruction and Development, the Inter-American Development Bank, the Federal National Mortgage Association, the Government National Mortgage Association, and the United States Postal Service in payment of coupons which are obligations of these agencies:

RICHARD H. ACKERSON
(See index for other authority)

*will sign:
per pro*



DONALD F. AISSA
(See index for other authority)

*will sign:
per pro*

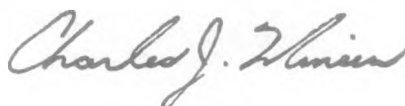


OTHER SIGNERS—*Continued*

15. The following has authority to sign per procuration (a) advices, receipts and tickets, and checks drawn on this Bank, relating to the routine operations of the Collection Department; (b) checks drawn by this Bank as fiscal agent of the United States on the United States Treasury pursuant to instructions received by the Bank from the Treasury Department, including checks so drawn in payment of obligations of the United States and its agencies; and (c) checks drawn by and on this Bank as fiscal agent of the Inter-American Development Bank and the International Bank for Reconstruction and Development in payment of coupons which are obligations of these agencies:

CHARLES J. MINEER
(See index for other authority)

will sign:
per pro



16. The following have authority to sign per procuration (a) checks drawn by this Bank as fiscal agent of the United States on the United States Treasury pursuant to instructions received by the Bank from the Treasury Department, including checks so drawn in payment of obligations of the United States; (b) advices, receipts and tickets, and checks drawn on this Bank, relating to the routine operations of the Government Bond and Safekeeping Department; (c) checks drawn by and on this Bank as fiscal agent of the International Bank for Reconstruction and Development, the Inter-American Development Bank, the Government National Mortgage Association as Trustee of various trusts, the Federal National Mortgage Association, the Asian Development Bank, the Small Business Administration, and the Federal Home Loan Mortgage Corporation in payment of principal or interest on the obligations of these agencies; and (d) checks drawn by and on this Bank as fiscal agent of the United States on behalf of the United States Postal Service, the Export-Import Bank of the United States, and the Farmers Home Administration in payment of principal or interest on the obligations of these agencies:

JOSEPH J. GRIMSHAW
(See index for other authority)

will sign:
per pro



OTHER SIGNERS—*Continued*

Paragraph 16 (page 89)—*Continued*

JANET K. ROGERS

(See index for other authority)

will sign:
per pro



JAMES P. WALLACE

(See index for other authority)

will sign:
per pro



17. The following have authority to sign per procuration (a) checks drawn by this Bank as fiscal agent of the United States on the United States Treasury pursuant to instructions received by the Bank from the Treasury Department, including checks so drawn in payment of obligations of the United States; (b) advices, receipts, and tickets relating to the routine operations of the Government Bond and Safekeeping Department; and (c) correspondence relating to the routine operations of the Government Bond Division of the Government Bond and Safekeeping Department:

FRANCIS E. GUERIN

will sign:
per pro



RICHARD J. LATISH

will sign:
per pro



OTHER SIGNERS—*Continued*

18. The following have authority to sign per procuration checks drawn by this Bank as fiscal agent of the United States on the United States Treasury pursuant to instructions received by the Bank from the Treasury Department, including checks so drawn in payment of obligations of the United States:

GEORGE T. INSERRA
(See index for other authority)

will sign:
per pro



JEREMIAH LETTIERI
(See index for other authority)

will sign:
per pro



CLEMENTE MAGLIONE
(See index for other authority)

will sign:
per pro



MICHAEL W. MOWBRAY
(See index for other authority)

will sign:
per pro



WALTER E. MURPHY
(See index for other authority)

will sign:
per pro



PETER SOMMO
(See index for other authority)

will sign:
per pro



OTHER SIGNERS—*Continued*

19. The following have authority to sign per procuration (a) checks drawn by this Bank as fiscal agent of the United States on the United States Treasury in payment of obligations of the United States; and (b) advices, receipts and tickets, and checks drawn on this Bank, relating to the routine operations of the Savings Bond Department:

CAROL W. BARRETT
(See index for other authority)

will sign:
per pro



RONALD S. COOK
(See index for other authority)

will sign:
per pro



ROBERT J. KAMMARADA
(See index for other authority)

will sign:
per pro



EDWIN V. LARSON
(See index for other authority)

will sign:
per pro



OTHER SIGNERS—*Continued*

20. The following have authority to sign per procuration (a) advices, receipts and tickets, and checks drawn on this Bank, relating to the routine operations of the Foreign Department; and (b) documents relating to the importation, exportation, and transportation of property in connection with the routine operations of the Foreign Department:

PETER J. COTTER

(See index for other authority)

will sign:
per pro



MIRIAM S. HANLON

(See index for other authority)

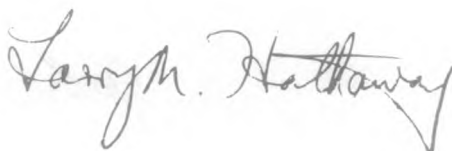
will sign:
per pro



LARRY M. HATHAWAY

(See index for other authority)

will sign:
per pro



ANDREW HEIKAUS

(See index for other authority)

will sign:
per pro



G. CARROLL MARTENSON

(See index for other authority)

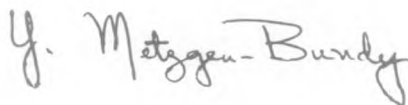
will sign:
per pro



YDAHLIA METZGEN-BUNDY

(See index for other authority)

will sign:
per pro



OTHER SIGNERS—*Continued*

21. The following have authority to sign per procuration (a) licenses granted by or under the direction of the Secretary of the Treasury and issued pursuant to instructions received by the Bank from the Office of Foreign Assets Control, Treasury Department; and (b) correspondence and tickets relating to the routine operations of the Foreign Operations Division, Foreign Department, dealing with the regulations of the Office of Foreign Assets Control, Treasury Department:

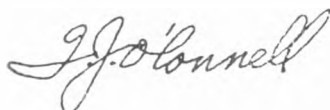
MARGARET M. GIRSCHICK
(See index for other authority)

will sign:
per pro



THOMAS J. O'CONNELL
(See index for other authority)

will sign:
per pro



JOHN P. SULLIVAN

will sign:
per pro



22. The following have authority to sign on behalf of the Bank (a) as fiscal agent of the United States, authentication certificates imprinted on short-term discount note obligations of the Export-Import Bank of the United States; (b) as fiscal agent of the Federal National Mortgage Association, authentication certificates imprinted on short-term discount note obligations of the Federal National Mortgage Association; and (c) as fiscal agent of the International Bank for Reconstruction and Development, the Inter-American Development Bank, the Asian Development Bank, and the United States on behalf of the Washington Metropolitan Area Transit Authority, authentication certificates imprinted on any bond, note or certificate obligation of such entities:

STEPHEN J. BERNATOWICZ
(See index for other authority)

will sign:



OTHER SIGNERS—*Continued*

Paragraph 22 (page 94)—*Continued*

RICHARD G. FOX

(See index for other authority)

will sign:



ROBERT M. GORDON

(See index for other authority)


will sign:



WILLIAM P. GRANT, JR.

(See index for other authority)

will sign:



JOSEPH J. GRIMSHAW

(See index for other authority)

will sign:



ROBERT V. KEIHNER, JR.

(See index for other authority)

will sign:



DENNIS MACKSOD

(See index for other authority)

will sign:



OTHER SIGNERS—*Continued*

Paragraph 22 (page 94)—*Continued*

HARRY C. MOSIER, JR.
(See index for other authority)

will sign:



JANET K. ROGERS
(See index for other authority)

will sign:



JAMES P. WALLACE
(See index for other authority)

will sign:



23. The following has authority to sign on behalf of the Bank (a) as fiscal agent of the Federal National Mortgage Association, authentication certificates imprinted on short-term discount note obligations of the Federal National Mortgage Association; and (b) as fiscal agent of the International Bank for Reconstruction and Development, the Inter-American Development Bank, the Asian Development Bank, and the United States on behalf of the Washington Metropolitan Area Transit Authority, authentication certificates imprinted on any bond, note or certificate obligation of such entities:

JAMES F. PHELAN
(See index for other authority)

will sign:



AUDIT FUNCTION

Officers

24. The following have authority to sign correspondence and reconcilements in connection with the work of the Audit Function:

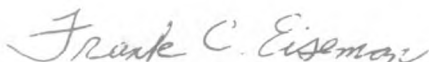
JOHN E. FLANAGAN, General Auditor,

will sign:



FRANK C. EISEMAN, Assistant General Auditor,

will sign:



WILLIAM M. SCHULTZ, Assistant General Auditor,

will sign:



DONALD R. ANDERSON, Manager, Auditing Department,

will sign:



GERALD I. ISAACSON, Manager, Audit Analysis Department,

will sign:



Other Signers

25. The following have authority to sign correspondence and reconcilements in connection with the work of the departments indicated after their respective names:

ROBERT JOHN AMBROSE, Staff Director, EDP Audit Staff, Audit Analysis Department,

will sign:



AUDIT FUNCTION —*Continued*

Paragraph 25 (page 97)—*Continued*

WILLIAM COOPERBERG, Staff Director, Operational/Procedural Audit Staff, Audit Analysis Department,

will sign:

Wm. Cooperberg

MARTIN P. CUSICK, Staff Director, Periodic Audit Staff, Auditing Department,

will sign:

M. P. Cusick

MARILYN A. MARSHALL, Staff Director, Continuous Audit Staff, Auditing Department,

will sign:

Marilyn Marshall

26. The following have authority to sign per procurement correspondence and reconcilements in connection with the work of the Audit Function:

JAMES LAVIN, JR.

will sign:

per pro

J. Lavin

WOODROW F. SWEENEY

will sign:

per pro

W. F. Sweeney

AUDIT FUNCTION —Continued

27. The following has authority to sign per procurement correspondence and reconcilements in connection with the work of the Auditing Department:

NOEL R. SCAFFA

will sign:
per pro



28. The following has authority to sign correspondence and reconcilements in connection with the work of the Auditing Department at the Buffalo Branch:

JAMES G. FELDMANN, Branch Auditor, Auditing Department,

will sign:



29. The following has authority to sign per procurement correspondence and reconcilements in connection with the work of the Audit Function at the Buffalo Branch:

CHARLES W. MAJOR

will sign:
per pro



CRANFORD OFFICE

30. The following have authority to sign correspondence relating to the work of the Cranford Office:

ROBERT JOSEPH AMBROSE, Office Administrator, Cranford Office,
(See paragraph 32 for other authority)

will sign:



CRANFORD OFFICE—*Continued*

Paragraph 30 (page 99)—*Continued*

PATRICIA T. CIOTTARIELLO, Assistant Chief, North Jersey Regional Check
Processing Division
(See paragraph 32 for other authority)

will sign:



JOHN W. LANZA, Chief, North Jersey Regional Check
Processing Division,
(See paragraph 32 for other authority)

will sign:



31. The following has authority to sign correspondence relating to the work of the North Jersey Regional Check Processing Division:

WILLIAM A. HOENSCHIED, Assistant Chief, North Jersey Regional Check
Processing Division,
(See paragraph 33 for other authority)

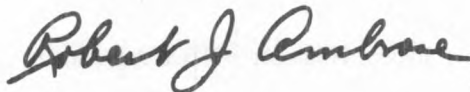
will sign:



32. The following have authority to sign per procuration advices, receipts, and tickets relating to the routine operations of the Cranford Office:


ROBERT JOSEPH AMBROSE
(See paragraph 30 for other authority)

will sign:
per pro



PATRICIA T. CIOTTARIELLO
(See paragraph 30 for other authority)

will sign:
per pro



CRANFORD OFFICE—Continued

Paragraph 32 (page 100)—Continued

JOHN W. LANZA

(See paragraph 30 for other authority)

will sign:
per pro



33. The following have authority to sign per procurement advices, receipts, and tickets relating to the routine operations of the North Jersey Regional Check Processing Division:

HELEN M. ALLISON

will sign:
per pro



MARIE BLACK

will sign:
per pro



ELAINE BOYCE

will sign:
per pro



CARLA J. CRUSIUS

will sign:
per pro



MARIE DE FEO

will sign:
per pro



CRANFORD OFFICE—Continued

Paragraph 33 (page 101)—Continued

COLETTE A. FORRESTER

will sign:
per pro

Colette Forrester

LAURETTA GARABRANT

will sign:
per pro

L. Garabrant

WILLIAM A. HOENSCHIED
(See paragraph 31 for other authority)

will sign:
per pro

W.A. Hoenschied

LORETTA M. HUBER

will sign:
per pro

L. Huber

THELMA JETER

will sign:
per pro

T. Jeter

JEAN MAY

will sign:
per pro

J. May

BRUCE S. MILOS

will sign:
per pro

Bruce

CRANFORD OFFICE—Continued

Paragraph 33 (page 101)—Continued

ROBERT MOSKALCZYK

will sign:
per pro



MARY RICHARDS

will sign:
per pro



ANITA P. ROSS

will sign:
per pro



JANICE STARY

will sign:
per pro



ROBERT F. STAUFENBERG

will sign:
per pro



LARAIN M. STEPHENS

will sign:
per pro



AUGUST VELLA

will sign:
per pro

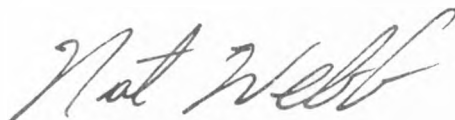


CRANFORD OFFICE—*Continued*

Paragraph 33 (page 101)—*Continued*

NATHANIEL WEBB

will sign:
per pro

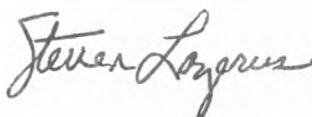


JERICOHO OFFICE

34. The following has authority to sign correspondence relating to the work of the Jericho Office:

STEVEN LAZERUS, Chief, Regional Check Processing Division,
(See paragraph 36 for other authority)

will sign:



35. The following has authority to sign per procurement correspondence, advices, receipts, and tickets relating to the routine operations of the Regional Check Processing Division:

MARY G. VIRGILIO

will sign:
per pro



36. The following have authority to sign per procurement advices, receipts, and tickets relating to the routine operations of the Regional Check Processing Division:

GENEVIEVE A. DOWD

will sign:
per pro



JERICO OFFICE—*Continued*

Paragraph 36 (page 104)—*Continued*

CLARICE M. JAMES

will sign:
per pro

C. James

STEVEN LAZERUS
(See paragraph 34 for other authority)

will sign:
per pro

Steven Lazerus

VERA B. MERCHANT

will sign:
per pro

Vera Merchant

CLARA MYERS

will sign:
per pro

C. Myers

LEONARD ORENSTEIN

will sign:
per pro

L. Orenstein

HELENA R. WULF

will sign:
per pro

H. R. Wulf

UTICA OFFICE

37. The following have authority to sign correspondence relating to the work of the Utica Office:

GERARD F. CLODGO, Special Assistant, Utica Office,
(See paragraph 39 for other authority)

will sign: 

MICHAEL M. SALERNO, Chief, Northeastern New York Regional Check Processing Division,
(See paragraph 39 for other authority)

will sign: 

38. The following have authority to sign correspondence relating to the work of the Northeastern New York Regional Check Processing Division:

WILLIAM M. KIRK, Assistant Chief, Northeastern New York Regional Check Processing Division,
(See paragraph 41 for other authority)

will sign: 

THOMAS G. SCHAFER, Assistant Chief, Northeastern New York Regional Check Processing Division,
(See paragraph 41 for other authority)

will sign: 

39. The following have authority to sign per procurement advices, receipts, and tickets relating to the routine operations of the Utica Office:

GERARD F. CLODGO
(See paragraph 37 for other authority)

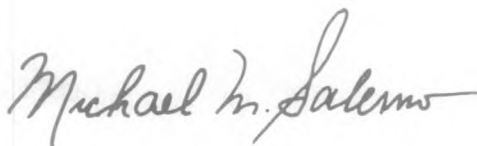
will sign:
per pro 

UTICA OFFICE—Continued

Paragraph 39 (page 106)—Continued

MICHAEL M. SALERNO
(See paragraph 37 for other authority)

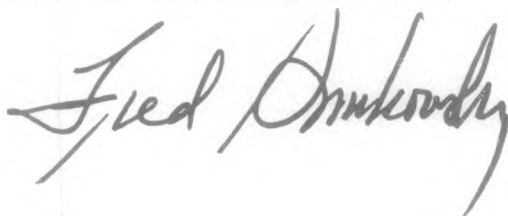
will sign:
per pro



40. The following has authority to sign per procurement correspondence, advices, receipts, and tickets relating to the routine operations of the Northeastern New York Regional Check Processing Division:

FRED SIMKOVSKY

will sign:
per pro



41. The following have authority to sign per procurement advices, receipts, and tickets relating to the routine operations of the Northeastern New York Regional Check Processing Division:

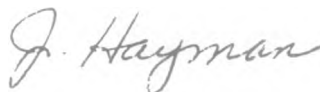
CAROL BURNS

will sign:
per pro



JACQUELINE HAYMAN

will sign:
per pro



WILLIAM M. KIRK
(See paragraph 38 for other authority)

will sign:
per pro



UTICA OFFICE—Continued

Paragraph 41 (page 107)—Continued

WALTER S. ROMAS

will sign:
per pro

A handwritten signature in cursive script that reads "Walter S. Romas".

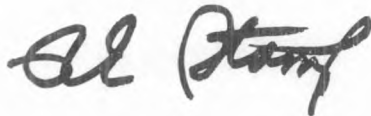
THOMAS G. SCHAFER
(See paragraph 38 for other authority)

will sign:
per pro

A handwritten signature in cursive script that reads "T. Schafer".

RALPH E. STAMP

will sign:
per pro

A handwritten signature in cursive script that reads "Al (Stamp)".

BUFFALO BRANCH—OFFICERS

42. The following have authority to sign in connection with the business of the Buffalo Branch:

JOHN T. KEANE, Vice President and Branch Manager,

will sign:



PETER D. LUCE, Assistant Vice President and Cashier,

will sign:



HARRY A. CURTH, JR., Operations Officer,

will sign:



ROBERT J. McDONNELL, Operations Officer,

will sign:



GARY S. WEINTRAUB, Operations Officer,

will sign:



BUFFALO BRANCH—OTHER SIGNERS

43. The following have authority to sign correspondence relating to the work of the divisions or staffs of the Buffalo Branch indicated after their respective names:

PHILIP G. COLETTI, Chief, Accounting Division,
(See paragraph 47 for other authority)

will sign: 

CAMILLE P. GATGENS, Chief, Personnel Division,

will sign: 

W. RAYMOND GATGENS, Special Representative, Bank Relations and
Public Information Staff,

will sign: 

JOSEPH M. KIRBY, Chief, Collection, Loans, and Fiscal Agency Division,
(See paragraph 46 for other authority)

will sign: 

EDWIN E. MILLIRON, Special Assistant, Management Information Staff,

will sign: 

ROGER A. MOCNY, Technical Specialist, Management
Information Staff,

will sign: 

BUFFALO BRANCH—OTHER SIGNERS—*Continued*

Paragraph 43 (page 110)—*Continued*

WILLIAM A. ROSS, Chief, Protection Division,

will sign:

William A. Ross

DAVID P. SCHWARZMUELLER, Chief, Check Division,
(See paragraph 47 for other authority)

will sign:

D. Schwarzmueller

RICHARD SITZMAN, Building Superintendent, Building Operating Division,

will sign:

Richard Sitzman

DOUGLAS A. SWEET, Assistant Chief, Personnel Division,

will sign:

Douglas Sweet

DONALD J. WEBER, Chief, Cash Division,
(See paragraph 47 for other authority)

will sign:

D. J. Weber

44. The following has authority to sign (a) correspondence relating to supplies and equipment purchased or proposed to be purchased by the Buffalo Branch or relating to services rendered or proposed to be rendered to the Branch, and (b) purchase-order forms for such supplies, equipment, and services:

RAYMOND A. METZ, Chief, Service Division,

will sign:

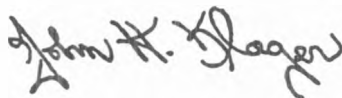
Ray Metz

BUFFALO BRANCH—OTHER SIGNERS—*Continued*

45. The following has authority to sign purchase-order forms for supplies, equipment, and services furnished or to be furnished to the Buffalo Branch:

JOHN H. KLAGER, Purchasing Supervisor, Service Division,

will sign:

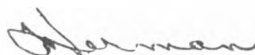


46. The following have authority to sign per procuration (a) advices, receipts, and tickets relating to the routine operations of the Collection, Loans, and Fiscal Agency Division of the Buffalo Branch; and (b) checks drawn by the Buffalo Branch as fiscal agent of the United States on the United States Treasury pursuant to instructions received by the Branch from the Treasury Department, including checks so drawn in payment of obligations of the United States:

ARLENE M. HERMAN

will sign:

per pro



JOSEPH M. KIRBY
(See paragraph 43 for other authority)

will sign:

per pro



47. The following have authority to sign per procuration advices, receipts, and tickets relating to the routine operations of the divisions of the Buffalo Branch indicated after their respective names:

PHILIP G. COLETTI (Accounting Division)
(See paragraph 43 for other authority)

will sign:

per pro



BUFFALO BRANCH—OTHER SIGNERS—*Continued*

Paragraph 47 (page 112)—*Continued*

LEONARD S. KALINOWSKI (Accounting Division)

will sign:
per pro

Leonard Kalinowski

JOHN R. LIMPANTIS (Cash Division)

will sign:
per pro

J. Limpantis

REGINALD D. MELSON (Check Division)

will sign:
per pro

Reginald D. Melson

THERESA M. NOWAK (Check Division)

will sign:
per pro

Theresa M. Nowak

DAVID P. SCHWARZMUELLER (Check Division)
(See paragraph 43 for other authority)

will sign:
per pro

D. Schwarzmüller

JOAN A. SHEMAIE (Accounting Division)

will sign:
per pro

J. SHEMAIE

BUFFALO BRANCH—OTHER SIGNERS—*Continued*

Paragraph 47 (page 112)—*Continued*

DANIEL F. SIKORSKI (Cash Division)

will sign:
per pro

A handwritten signature in cursive script, reading "Daniel F. Sikorski". The first name is written in a more formal, slightly larger script than the last name.

GODFREY R. STOCKINGER (Cash Division)

will sign:
per pro

A handwritten signature in cursive script, reading "G. Stockinger". The first initial is prominent and stylized.

JAMES L. TYLER (Check Division)

will sign:
per pro

A handwritten signature in cursive script, reading "J. Tyler". The first initial is prominent and stylized.

DONALD J. WEBER (Cash Division)
(See paragraph 43 for other authority)

will sign:
per pro

A handwritten signature in cursive script, reading "D. Weber". The first initial is prominent and stylized.

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