

FEDERAL RESERVE BANK OF NEW YORK

January 20, 1972

AUTHORIZED SIGNATURES

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

Enclosed is a copy of our Operating Circular No. 1, Revised January 12, 1972, containing facsimile signatures of persons authorized to sign on behalf of this Bank.

The revised circular incorporates the three outstanding supplements to the superseded edition of the circular and reflects additional changes in the list of persons authorized to sign on behalf of the Bank, including the following changes in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

THOMAS O. WAAGE, formerly Vice President, has been appointed Senior Vice President.

LEONARD LAPIDUS, formerly Assistant Vice President, has been appointed Vice President.

JAMES O. ASTON, formerly Manager, Cash Custody Department and Collection Department, has been appointed Assistant Vice President, and Assistant Secretary.

ROBERT L. COOPER, formerly Manager, Acceptance Department and Securities Department, has been appointed Assistant Vice President.

RALPH H. GELDER, formerly Manager, Banking Studies Department, has been appointed Assistant Vice President.

RICHARD H. HOENIG, formerly Manager, Public Information Department, has been appointed Assistant Vice President.

BENEDICT RAFANELLO, formerly Manager, Credit and Discount Department, has been appointed Assistant Vice President.

H. DAVID WILLEY, formerly Manager, Foreign Department, and Assistant Secretary, has been appointed Assistant Vice President.

EUGENE P. EMOND, formerly Supervising Examiner, Bank Examinations Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to the Credit and Discount Department.

LEON R. HOLMES, formerly Chief, Wire Transfer Division, Collection Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to the Cash Custody Department and the Collection Department.

LEON KOROBYOW, formerly Chief, Financial Statistics Division, Statistics Department, has been appointed an officer of the Bank with the title of Manager, and has been assigned to the Banking Studies Department.

IRWIN D. SANDBERG, formerly Securities Trading Officer, has been appointed Manager, and has been assigned to the Acceptance Department and the Securities Department.

LEONARD I. BENNETTS, Manager, formerly assigned to the Check Processing Department, has been assigned to the Check Adjustment and Return Items Department.

JOSEPH M. O'CONNELL, Manager, formerly assigned to the Check Adjustment and Return Items Department, has been assigned to the Check Processing Department.

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

ALFRED HAYES,
President.

**FEDERAL RESERVE BANK
OF NEW YORK**

[Operating Circular No. 1
Revised January 12, 1972]

AUTHORIZED SIGNATURES

On the following pages, numbered 2 to 73 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 74 through 76. This circular supersedes and cancels Operating Circular No. 1, Revised January 21, 1971, and the First through Third Supplements thereto, dated April 15, July 13, and October 4, 1971.

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, a senior vice president, a vice president, an assistant vice president, or an adviser.

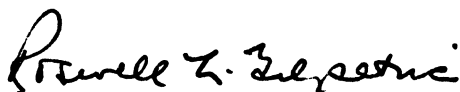
All instruments, documents, correspondence, and other papers in connection with the transaction of domestic business need bear but one authorized signature.

ALFRED HAYES,
President.

CHAIRMAN AND FEDERAL RESERVE AGENT

ROSWELL L. GILPATRIC,
Chairman of the Board
of Directors, and
Federal Reserve Agent,

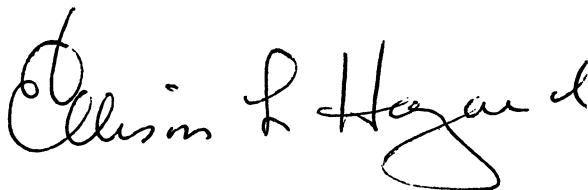
will sign:

A handwritten signature in cursive script, reading "Roswell L. Gilpatric".

DEPUTY CHAIRMAN

ELLISON L. HAZARD,
Deputy Chairman of the
Board of Directors,

will sign:

A handwritten signature in cursive script, reading "Ellison L. Hazard".

PRESIDENT

ALFRED HAYES, President,

will sign:

Alfred Hayes

FIRST VICE PRESIDENT

WILLIAM F. TREIBER, First Vice President,

will sign:

William F. Treiber

SENIOR VICE PRESIDENTS

CHARLES A. COOMBS, Senior Vice President,

will sign:

C. A. Coombs

MARCUS A. HARRIS, Senior Vice President,
(Retires March 1, 1972)

will sign:

M. A. Harris

ALAN R. HOLMES, Senior Vice President,

will sign:

Alan R. Holmes

ROBERT G. LINK, Senior Vice President,

will sign:

Robert G. Link

THOMAS O. WAAGE, Senior Vice President,

will sign:

Thomas O. Waage

VICE PRESIDENTS, ECONOMIC ADVISER,
AND MARKET ADVISER

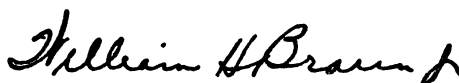
DAVID E. BODNER, Vice President,

will sign:




WILLIAM H. BRAUN, Jr., Vice President,

will sign:



JOHN J. CLARKE, Vice President and Special Legal Adviser,

will sign:



RICHARD A. DEBS, Vice President,

will sign:



PETER FOUSEK, Vice President,

will sign:



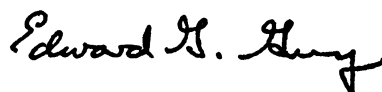
GEORGE GARVY, Economic Adviser,

will sign:



EDWARD G. GUY, Vice President and General Counsel,

will sign:



VICE PRESIDENTS, ECONOMIC ADVISER,
AND MARKET ADVISER—*Continued*

JOHN T. KEANE, Vice President,

will sign: 

LEONARD LAPIDUS, Vice President,

will sign: 


SPENCER S. MARSH, Jr., Market Adviser,

will sign: 


FRED W. PIDERIT, Jr., Vice President,

will sign: 

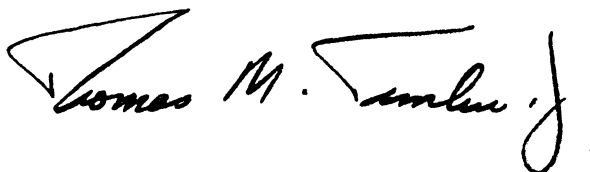
EVERETT B. POST, Vice President,

will sign: 

PETER D. STERNLIGHT, Vice President,


will sign: 

THOMAS M. TIMLEN, Jr., Vice President,

will sign: 

DEPUTY GENERAL COUNSEL

THOMAS C. SLOANE, Deputy General Counsel,


will sign: 

ASSISTANT VICE PRESIDENTS, ADVISERS,
AND ASSISTANT GENERAL COUNSEL


JAMES O. ASTON, Assistant Vice President, and Assistant Secretary,

will sign: 

A. THOMAS COMBADER, Assistant Vice President,

will sign: 

ROBERT L. COOPER, Assistant Vice President,

will sign: 

ROBERT J. CROWLEY, Assistant Vice President,

will sign: 

HOWARD F. CRUMB, Assistant Vice President,

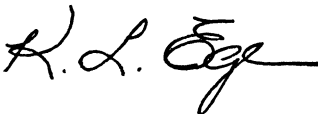
will sign: 

RICHARD G. DAVIS, Adviser,


will sign: 

ASSISTANT VICE PRESIDENTS, ADVISERS,
AND ASSISTANT GENERAL COUNSEL—*Continued*

KARL L. EGE, Assistant Vice President,

will sign: 

MARTIN FRENCH, Assistant Vice President,

will sign: 

RALPH H. GELDER, Assistant Vice President,

will sign: 

RICHARD H. HOENIG, Assistant Vice President,

will sign: 

PETER P. LANG, Adviser,

will sign: 

MADELINE H. MCWHINNEY, Assistant Vice President,

will sign: 

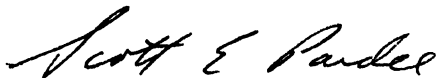
PAUL MEEK, Assistant Vice President,

will sign: 

ASSISTANT VICE PRESIDENTS, ADVISERS,
AND ASSISTANT GENERAL COUNSEL—*Continued*

SCOTT E. PARDEE, Assistant Vice President,

will sign:



CHARLES R. PRICHER, Assistant Vice President,

will sign:



A. MARSHALL PUCKETT, Assistant Vice President,

will sign:



BENEDICT RAFANELLO, Assistant Vice President,

will sign:



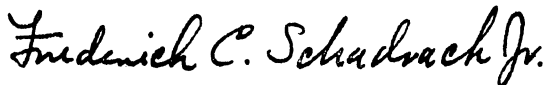
WALTER S. RUSHMORE, Assistant Vice President,

will sign:



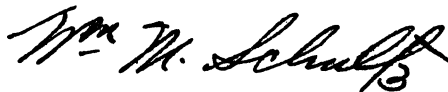
FREDERICK C. SCHADRACK, Jr., Adviser,

will sign:



WILLIAM M. SCHULTZ, Assistant Vice President,

will sign:



FREDERICK L. SMEDLEY, Assistant Vice President,

will sign:



ASSISTANT VICE PRESIDENTS, ADVISERS,
AND ASSISTANT GENERAL COUNSEL—*Continued*

ROBERT C. THOMAN, Assistant Vice President,

will sign:

A handwritten signature in cursive script, reading "Robert C. Thoman".

PHILIP VAN ORMAN, Assistant Vice President,

will sign:

A handwritten signature in cursive script, reading "Philip Van Orman".

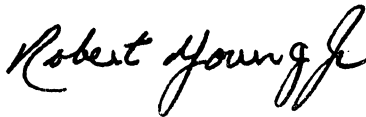
H. DAVID WILLEY, Assistant Vice President,

will sign:

A handwritten signature in cursive script, reading "H. David Willey".

ROBERT YOUNG, Jr., Assistant General Counsel,

will sign:

A handwritten signature in cursive script, reading "Robert Young Jr".

OTHER OFFICERS

PAUL AIKEN, Manager, Computer Support Department,

will sign:

A handwritten signature in cursive script, reading "Paul Aiken".

BRUCE G. ALEXANDER, Manager, Personnel Department,

will sign:

A handwritten signature in cursive script, reading "Bruce G. Alexander".

OTHER OFFICERS—*Continued*

IRVING M. AUERBACH, Manager, Statistics Department,

will sign: 


LEONARD I. BENNETTS, Manager, Check Adjustment and Return Items Department,

will sign: 

ALLEN R. BIVENS, Assistant Counsel,

will sign: 

JAMES H. BOOTH, Manager, Bank Reports and Analysis Department,

will sign: 

ARMOND J. BRAIGER, Manager, Savings Bond Department,

will sign: 

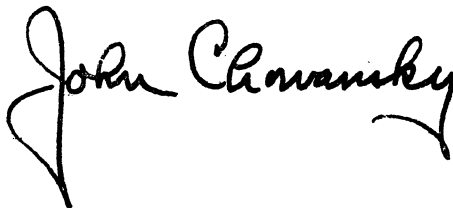
LOUIS J. BRENDLE, Manager, Planning Department,

will sign: 

OTHER OFFICERS—*Continued*

JOHN CHOWANSKY, Manager, Management Information Department,

will sign:



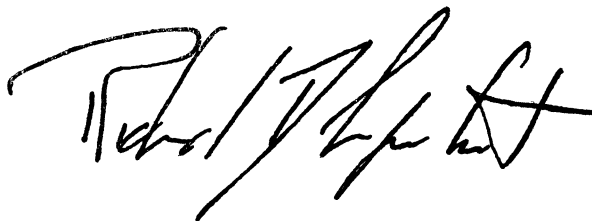
LOUIS J. CONROY, Manager, Service Department,

will sign:



RICHARD D. COOPERSMITH, Assistant Counsel,

will sign:



JOSEPH R. COYLE, Securities Trading Officer,

will sign:



ADAM R. DICK, Manager, Bank Relations Department,

will sign:



MATTHEW C. DREXLER, Manager, Building Operating Department,

will sign:



EDNA E. EHRLICH, Senior Economist,

will sign:



OTHER OFFICERS—*Continued*

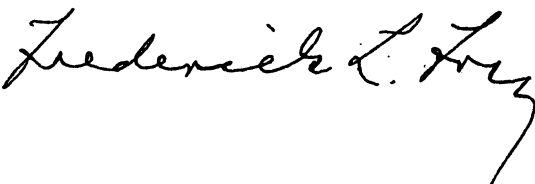
EUGENE P. EMOND, Manager, Credit and Discount Department,

will sign: 


CHESTER B. FELDBERG, Secretary, and Assistant Counsel,

will sign: 


FREDERICK L. FREY, Chief Examiner,

will sign: 

GERALD HAYDEN, Manager, Computer Planning Department,

will sign: 

MATTHEW J. HOEY, Manager, Government Bond and Safekeeping Department,

will sign: 

LEON R. HOLMES, Manager, Collection Department; Manager, Cash Custody Department,

will sign: 

JOHN C. HOUBOULIS, Manager, Consumer Information and Securities Regulations Department; Manager, Payment Systems Department,

will sign: 

OTHER OFFICERS—*Continued*

WHITNEY R. IRWIN, Manager, Cash Department,

will sign: 

BERNARD J. JACKSON, Manager, Foreign Department,

will sign: 

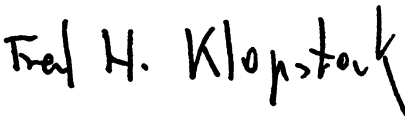
EDWARD F. KIPFSTUHL, Manager, Foreign Banking Regulations
Department,

will sign: 

THOMAS P. KIPP, Manager, Check Processing Department,

will sign: 

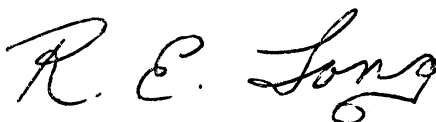
FRED H. KLOPSTOCK, Manager, International Research Department,

will sign: 

LEON KOROBOW, Manager, Banking Studies Department,

will sign: 

RONALD E. LONG, Manager, Accounting Department,

will sign: 

OTHER OFFICERS—*Continued*

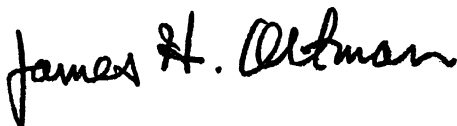
JOSEPH M. O'CONNELL, Manager, Check Processing Department,

will sign:



JAMES H. OLTMAN, Assistant Counsel,

will sign:



THEODORE N. OPPENHEIMER, Assistant Secretary,

will sign:



EDWIN R. POWERS, Manager, Computer Operations Department,

will sign:



LEOPOLD S. RASSNICK, Assistant Counsel,

will sign:



MARY J. RODGERS, Assistant Counsel,

will sign:



FRANCIS H. ROHRBACH, Manager, Personnel Department,

will sign:



OTHER OFFICERS—*Continued*

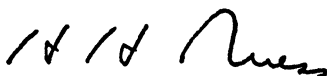
EDWIN S. ROTHMAN, Manager, Foreign Department,

will sign:



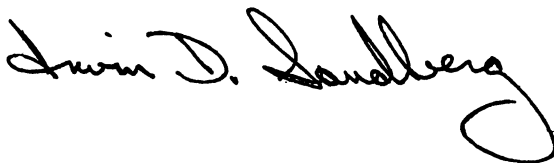
HERBERT H. RUESS, Manager, Credit and Discount Department,

will sign:



IRWIN D. SANDBERG, Manager, Acceptance Department; Manager,
Securities Department,

will sign:



RALPH C. SCHINDLER, Research Computer Officer,

will sign:



BENJAMIN STACKHOUSE, Manager, Bank Applications Department,

will sign:



ALOYSIUS J. STANTON, Manager, Security Custody Department,

will sign:



RUDOLF THUNBERG, Manager, Domestic Research Department,

will sign:



OTHER OFFICERS—*Continued*

RUTH ANN TYLER, Manager, Personnel Department,

will sign:

A cursive handwritten signature of Ruth Ann Tyler.

RICHARD VOLLKOMMER, Manager, Government Bond and Safekeeping Department,

will sign:

A cursive handwritten signature of R. Vollkommer.

WILLIAM M. WALSH, Manager, Research Computer Department,

will sign:

A cursive handwritten signature of William M. Walsh.

WILLIAM H. WETENDORF, Manager, Protection Department,

will sign:

A cursive handwritten signature of W. H. Wetendorf.

OTHER SIGNERS

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

PATSY C. ABELLE, Special Attorney, Consumer Information and Securities Regulations Department,

will sign: 

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

will sign: 

MARK E. ASCERNO, Chief, Savings Bond Division, Savings Bond Department,

(See index for other authority)

will sign: 

JAMES R. AUTON, Assistant Chief, Foreign Operations Division, Foreign Department,

(See index for other authority)

will sign: 

THOMAS C. BARMAN, Assistant Chief, Foreign Operations Division, Foreign Department,

(See index for other authority)

will sign: 

MARTIN BARRETT, Special Assistant, Domestic Research, International Research, and Statistics Departments,

will sign: 

OTHER SIGNERS — *Continued*

Paragraph 1 (page 17) — *Continued*

W. WILLIAM BAUMGARDT, Chief, Management Information Division,
Management Information Department,

will sign: 

JERRY BERKOWITZ, Chief, Methods and Systems Division, Planning
Department,

will sign: 

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

will sign: 

ALFRED A. BEVACQUA, Jr., Special Representative, Bank Relations
Department,

will sign: 

PATRICK V. BROSNIHAN, Assistant Chief, Check Adjustment Division,
Check Adjustment and Return Items Department,
(See index for other authority)

will sign: 

GEORGE BUDZEIKA, Special Assistant, Banking Studies Department,

will sign: 

OTHER SIGNERS — *Continued*

Paragraph 1 (page 17) — *Continued*

EDWIN W. CARROLL, Special Assistant, Foreign Department,
(See index for other authority)

will sign:



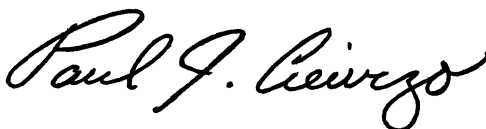
BRUCE A. CASSELLA, Special Representative, Bank Relations
Department,

will sign:



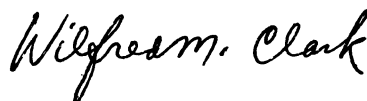
PAUL J. CIEURZO, Special Assistant, Government Bond and
Safekeeping Department,
(See index for other authority)

will sign:



WILFRED M. CLARK, Special Assistant, Computer Planning
Department,

will sign:



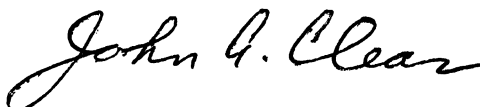
STEPHEN V. O. CLARKE, Special Assistant, Domestic Research, Inter-
national Research, and Statistics Departments,

will sign:



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

will sign:



OTHER SIGNERS — *Continued*

Paragraph 1 (page 17) — *Continued*

LAWRENCE H. COOKE, Jr., Chief, Research Information Sciences
Division, Research Computer Department,

will sign:

L. H. Cooke, Jr.

HELMER DELIN, Chief, Securities Clearance Division, Government
Bond and Safekeeping Department,

(See index for other authority)

will sign:

H. Delin

MILTON DIETZ, Assistant Chief, Safekeeping Division, Government
Bond and Safekeeping Department,

(See index for other authority)

will sign:

M. Dietz

PETER F. DIYORIO, Special Assistant, Building Operating
Department,

will sign:

Peter F. DiYorio

JOHN A. DUGAN, Special Assistant, Bank Relations Department,

will sign:

J. Dugan

RAYMOND F. EALES, Special Assistant, Computer Planning
Department,

will sign:

Raymond F. Eales

OTHER SIGNERS — *Continued*

Paragraph 1 (page 17) — *Continued*

GEORGE E. ELLERICH, Special Assistant, Check Processing
Department,

(See index for other authority)

will sign:



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

will sign:



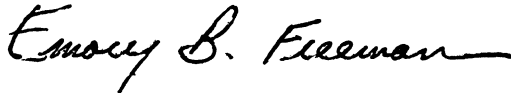
WILLIAM G. FERRARA, Chief, Research Operations Systems Support
Division, Research Computer Department,

will sign:



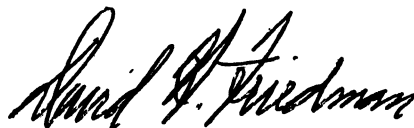
EMORY B. FREEMAN, Assistant Chief, Public Information Division,
Public Information Department,

will sign:



DAVID H. FRIEDMAN, Economist, Public Information Division, Public
Information Department,

will sign:



OTHER SIGNERS — *Continued*

Paragraph 1 (page 17) — *Continued*

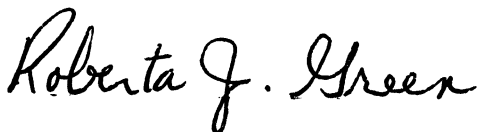
W. RAYMOND GATGENS, Chief, Public Information Division, Public Information Department,

will sign:



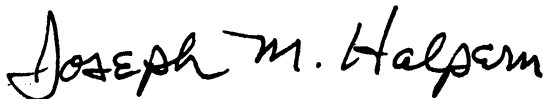
ROBERTA J. GREEN, Assistant Training Director, Personnel Department,

will sign:



JOSEPH M. HALPERN, Supervising Examiner, Bank Examinations Department,

will sign:



MICHAEL J. HAMBURGER, Special Assistant, Domestic Research, International Research, and Statistics Departments,

will sign:



ALFRED E. HAMEL, Special Assistant, Bank Supervision and Relations function,

will sign:



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

will sign:



OTHER SIGNERS — *Continued*

Paragraph 1 (page 17)—*Continued*

OLEG HOFFMAN, Chief, Research Communications Division, Research
Computer Department,

will sign:



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

will sign:



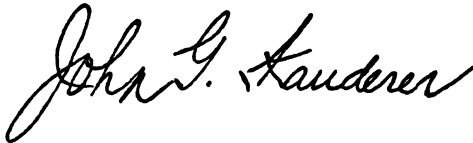
RICHARD E. HUNKE, Supervising Review Examiner, Bank
Examinations Department,

will sign:



JOHN G. KAUDERER, Special Assistant, Bank Reports and Analysis
Department,

will sign:



ROBERT V. KEIHNER, Jr., Special Assistant, Government Bond and
Safekeeping of Securities function,

(See index for other authority)

will sign:



ARTHUR A. KLASS, Assistant Chief, Government Bond Division,
Government Bond and Safekeeping Department,

(See index for other authority)

will sign:

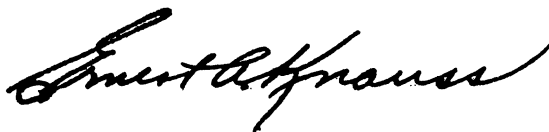


OTHER SIGNERS — *Continued*

Paragraph 1 (page 17)—*Continued*

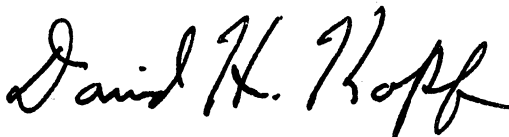
ERNEST A. KNAUSS, Special Assistant, Personnel Department,

will sign:



DAVID H. KOPF, Special Assistant, Domestic Research, International Research, and Statistics Departments,

will sign:



VINCENT J. KULDA, Special Assistant, Foreign Banking Regulations Department,

will sign:



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

will sign:



G. CARROLL MARTENSON, Chief, Foreign Operations Division,
Foreign Department,
(See index for other authority)

will sign:



OTHER SIGNERS — *Continued*

Paragraph 1 (page 17) — *Continued*

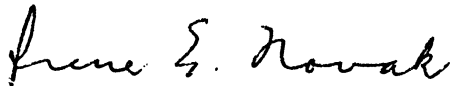
LANNY NORENSBERG, Chief, Research Mathematical Sciences Division,
Research Computer Department,

will sign:



IRENE E. NOVAK, Training Director, Personnel Department,

will sign:



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

will sign:



FRANK P. PUFF, Chief, Return Items Division, Check Adjustment and
Return Items Department,
(See index for other authority)

will sign:



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

will sign:



JOHN P. REICH, Special Representative, Bank Relations Department,

will sign:

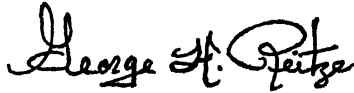


OTHER SIGNERS — *Continued*

Paragraph 1 (page 17)—*Continued*

GEORGE H. REITZE, Regulations Specialist, Consumer Information and Securities Regulations Department,

will sign:



PAUL RIVERS, Special Assistant, Foreign Department,

will sign:



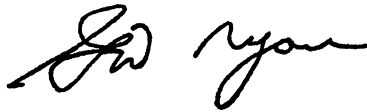
DANIEL L. ROSEN, Special Assistant, Public Information Department,

will sign:



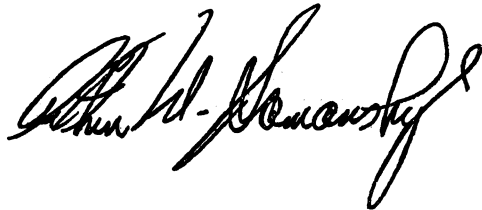
GEORGE W. RYAN, Special Assistant, Foreign Department,
(See index for other authority)

will sign:



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

will sign:



NOEL R. SCAFFA, Chief, Personnel Relations Division, Personnel Department,

will sign:



OTHER SIGNERS — *Continued*

Paragraph 1 (page 17)—*Continued*

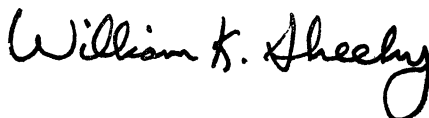
DONALD E. SCHMID, Chief, Safekeeping Division, Government Bond
and Safekeeping Department,
(See index for other authority)

will sign:



WILLIAM K. SHEEHY, Special Attorney, Payment Systems
Department,

will sign:



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

will sign:



JOSEPH L. TUMINELLI, Special Assistant, Service Department,
(See index for other authority)

will sign:



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

will sign:



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

will sign:



OTHER SIGNERS — *Continued*

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

ANTHONY O. ACQUAVIVA, Chief, Coin Division, Cash Department,
(See index for other authority)

will sign: 

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

will sign: 

ETHAN W. ALLEN, Office Manager (Relocation Office), Relocation
Office Division,

will sign: 

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

will sign: 

JOSEPH P. BOTTA, Assistant Chief, Accounting Division, Accounting
Department,
(See index for other authority)

will sign: 

ROBERT J. BRANCH, Senior Technical Representative, Technical
Assistance Division, Bank Relations Department,

will sign: 

OTHER SIGNERS — *Continued*

Paragraph 2 (page 28) — *Continued*

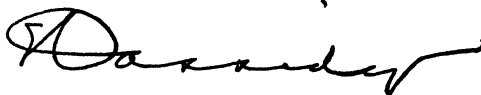
HELEN M. BURNS, Chief Law Librarian, Law Library Division,
Legal Department,

will sign:



FRANK X. CASSIDY, Chief, Sorting and Counting Division, Cash
Department,
(See index for other authority)

will sign:



VINCENT P. CENTORRINO, Assistant Chief, Data Processing
Division, Computer Operations Department,

will sign:



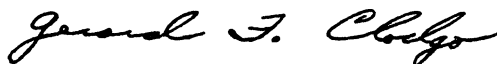
JOSEPH A. CLARK, Chief, Credit Division, Credit and Discount
Department,

will sign:



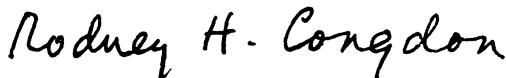
GERARD F. CLODGO, Assistant Chief, Salary Analysis Division,
Personnel Department,

will sign:



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

will sign:

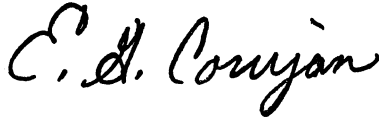


OTHER SIGNERS — *Continued*

Paragraph 2 (page 28) — *Continued*

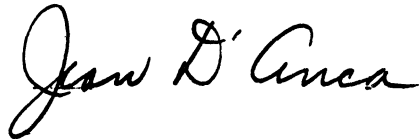
EDWARD G. CORRIGAN, Chief, Domestic Research Division, Domestic
Research Department,

will sign:



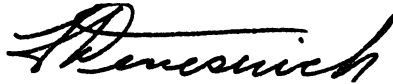
JEAN D'ANCA, Assistant Chief, Personnel Services Division,
Personnel Department,
(See index for other authority)

will sign:



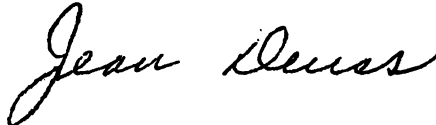
FRED A. DENESEVICH, Assistant Employment Director, Employment
Division, Personnel Department,

will sign:



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

will sign:



JOSEPH F. DONNELLY, Assistant Chief, Accounting Division,
Accounting Department,
(See index for other authority)

will sign:



JAMES F. EGAN, Chief, Salary Analysis Division, Personnel
Department,

will sign:



OTHER SIGNERS — *Continued*

Paragraph 2 (page 28) — *Continued*

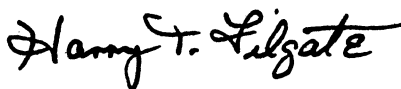
JOSEPH G. EIBELL, Chief, Foreign Assets Control Division,
Foreign Department,
(See index for other authority)

will sign:



HARRY T. FILGATE, Chief, Bank Reports and Analysis Division, Bank
Reports and Analysis Department,

will sign:



HENRY S. FUJARSKI, Jr., Chief, Accounting Division, Accounting
Department,
(See index for other authority)

will sign:



PETER J. FULLEN, Chief, Computer Programming and Training
Division, Computer Support Department,

will sign:



ALFRED G. GASCOIGNE, Chief, Paying and Receiving Division, Cash
Department,
(See index for other authority)

will sign:



OTHER SIGNERS — *Continued*

Paragraph 2 (page 28) — *Continued*

CHARLES A. GELARDI, Chief, Building Maintenance Division, Building
Operating Department,

will sign:



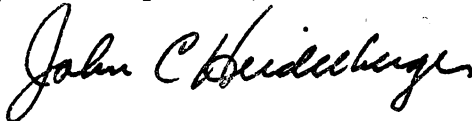
JOHN GRITZEK, Assistant Chief, Collection Division, Collection
Department,
(See index for other authority)

will sign:



JOHN C. HEIDELBERGER, Assistant Chief, Communications Services
Division, Computer Operations Department,

will sign:



RALPH T. HELFRICH, Chief, Securities Operations Division, Securities
Department,
(See index for other authority)

will sign:



JOHN H. HENDRICKSON, Chief, Visual Aids Division, Domestic
Research Department,

will sign:



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

will sign:




OTHER SIGNERS — *Continued*

Paragraph 2 (page 28) — *Continued*

WILLIAM J. IRWIN, Chief, Check Processing Division (Day), Check
Processing Department,

(See index for other authority)

will sign:



JOSEPH E. KLARBERG, Chief, Disbursing Division, Accounting
Department,

will sign:



STEPHEN A. KOHL, Assistant Chief, Coin Division, Cash Department,
(See index for other authority)

will sign:



PHILIP KRACKOW, Assistant Chief, Visual Aids Division, Domestic
Research Department,

will sign:



JOHN W. LANZA, Assistant Chief, Sorting and Counting Division,
Cash Department,

(See index for other authority)

will sign:

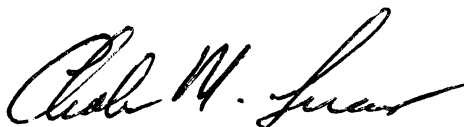


OTHER SIGNERS — *Continued*

Paragraph 2 (page 28) — *Continued*


CHARLES M. LUCAS, Chief, Market Statistics Division, Statistics
Department,

will sign:



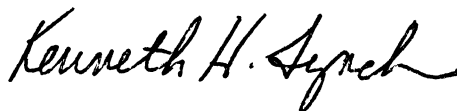
GEORGE LUKOWICZ, Chief, Communications Services Division,
Computer Operations Department,

will sign:



KENNETH H. LYNCH, Assistant Chief, Computer Operations
Division, Computer Operations Department,

will sign:



CLETUS J. MACKIN, Assistant Chief, Paying and Receiving Division,
Cash Department,
(See index for other authority)

will sign:



GEORGE J. MANGER, Chief, Data Processing Division, Computer
Operations Department,
(See index for other authority)

will sign:



OTHER SIGNERS — *Continued*

Paragraph 2 (page 28) — *Continued*

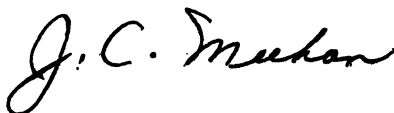
RUDOLPH J. MARCO, Assistant Chief, Sorting and Counting Division,
Cash Department,
(See index for other authority)

will sign:



JOSEPH C. MEEHAN, Chief Engineer, Power Plant Division, Building
Operating Department,

will sign:



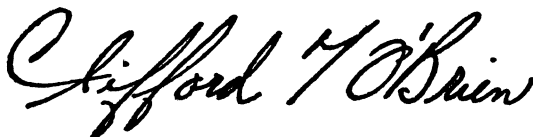
GRETTA A. MIDDLETON, College Relations Representative,
Employment Division, Personnel Department,

will sign:




CLIFFORD T. O'BRIEN, Chief, Collection Division, Collection
Department,
(See index for other authority)

will sign:



WALTER E. O'MARA, Assistant Chief, Paying and Receiving Division,
Cash Department,
(See index for other authority)

will sign:



OTHER SIGNERS — *Continued*

Paragraph 2 (page 28) — *Continued*

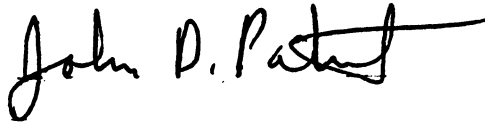
ALAN O'SULLIVAN, Assistant Chief, Credit Division, Credit and
Discount Department,

will sign:



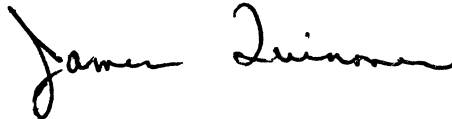
JOHN D. PATRICK, Chief, Balance of Payments Division, International
Research Department,

will sign:



JAMES QUINONES, Assistant Chief, Computer Operations Division,
Computer Operations Department,

will sign:



EDMOND P. REILLY, Assistant Chief, Cable Division, Foreign
Department,

will sign:



FRANCIS J. REISCHACH, Assistant Chief, Disbursing Division,
Accounting Department,

will sign:



ROBERT C. RELYEA, Chief, Bank Applications Division, Bank
Applications Department,

will sign:




OTHER SIGNERS — *Continued*

Paragraph 2 (page 28) — *Continued*

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

will sign: 

ANTHONY N. SAGLIANO, Chief, Post Office Division, Service
Department,
(See index for other authority)

will sign: 

GREGORY C. SCHMID, Chief, Foreign Research Division, International
Research Department,

will sign: 

ANTHONY J. SEGESTI, Chief, Foreign Banking Regulations Division,
Foreign Banking Regulations Department,

will sign: 

ANTHONY C. SGAMBAT, Chief, Building Service Division, Building
Operating Department,

will sign: 

OTHER SIGNERS — *Continued*

Paragraph 2 (page 28) — *Continued*

LEO J. SMITH, Special Assistant, Bank Applications Division, Bank Applications Department,

will sign:



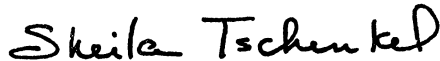
ROBERT B. STARKIE, Assistant Chief, Wire Transfer Division, Collection Department,
(See index for other authority)

will sign:



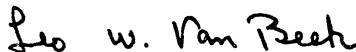
SHEILA TSCHINKEL, Chief, Securities Analysis Division, Securities Department,

will sign:



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

will sign:



HENRY F. WIENER, Assistant Chief, Personnel Relations Division, Personnel Department,

will sign:



JOSEPH WISNOVSKY, Chief, Circulars Division, Secretary's Office,

will sign:

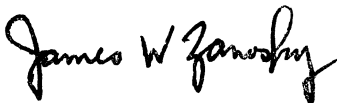


OTHER SIGNERS — *Continued*

Paragraph 2 (page 28) — *Continued*

JAMES W. ZANOSKY, Chief, Computer Operations Division, Computer Operations Department,

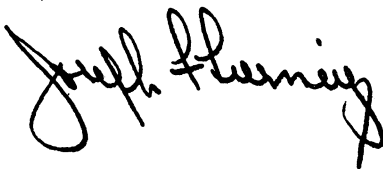
will sign:



3. The following has authority to sign correspondence in connection with the work of the Bank Examinations Department as it concerns trust department examinations and other matters relative to fiduciary activities of member banks:

JOSEPH F. TIERNEY, Supervising Review Examiner, Bank Examinations Department,

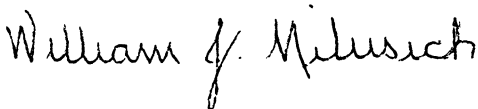
will sign:



4. The following has authority to sign correspondence in connection with the work of the Bank Examinations Department as it concerns examinations of the foreign departments of member banks, examinations of Edge Act corporations, and examinations or surveys of foreign branches of member banks:

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

will sign:



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

FREDERICK W. FORBERG, Purchasing Agent, Purchasing Division, Planning 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, Planning Department,

will sign:



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

DOROTHY E. DENNIS (Personnel Services Division of the Personnel
Department)

will sign:
per pro



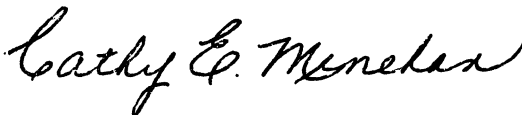
ELEANOR R. FOLEY (Personnel Relations Division of the Personnel
Department)

will sign:
per pro



CATHY E. MINEHAN (Public Information Department)

will sign:
per pro



8. The following has authority to sign per procurement correspondence, advices, receipts and tickets, and checks drawn on this Bank, relating to the routine operations of the Accounting Department:

WESLEY C. LAWALL

will sign:
per pro



OTHER SIGNERS — *Continued*

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

JOHN W. BAUER (Check Adjustment and Return Items Department)

will sign:
per pro



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

will sign:
per pro



HENRY T. CHRISTENSEN (Credit and Discount Department)

will sign:
per pro



JOHN M. GILLEAUDEAU (Credit and Discount Department)

will sign:
per pro



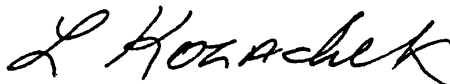
ROBERT R. KEANE (Post Office Division of the Service Department)

will sign:
per pro



LILLIAN A. KOZACHEK (Accounting Division of the Accounting Department)

will sign:
per pro



CAMILLE PIEDILATO (Public Information Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 9 (page 41) — *Continued*

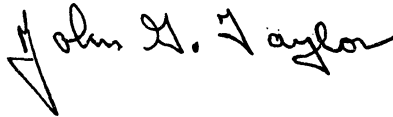
MATTHEW J. PUGLISI (Check Adjustment and Return Items
Department)

will sign:
per pro



JOHN G. TAYLOR (Post Office Division of the Service Department)

will sign:
per pro



10. 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 indicated after their respective names:

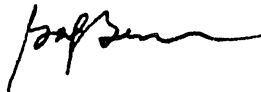
JOSEPH P. BOTTA (Accounting Department)
(See index for other authority)

will sign:
per pro



GASPARE DE GESU (Foreign Department)

will sign:
per pro



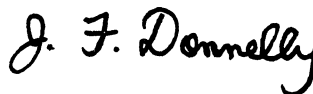
MILTON DIETZ (Government Bond and Safekeeping Department)
(See index for other authority)

will sign:
per pro



JOSEPH F. DONNELLY (Accounting Department)
(See index for other authority)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 10 (page 42) — *Continued*

MARTIN G. ELLIS (Foreign Department)

will sign:
per pro



HENRY S. FUJARSKI, Jr. (Accounting Department)
(See index for other authority)

will sign:
per pro



DOROTHY GERNANT (Foreign Department)

will sign:
per pro



CHARLES W. JAEGER (Foreign Department)

will sign:
per pro



WILLIAM P. LARocca (Government Bond and Safekeeping
Department)

will sign:
per pro



OLGA LESSUK (Foreign Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 10 (page 42) — *Continued*

RAYMOND J. LUDWIG (Government Bond and Safekeeping
Department)

will sign:
per pro



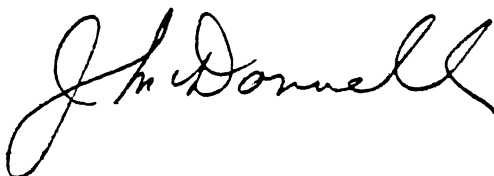
WILLIAM J. MAYNES (Collection Department)

will sign:
per pro



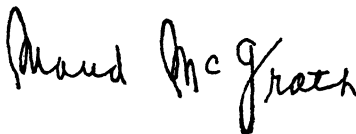
JAMES McDONNELL (Foreign Department)

will sign:
per pro



MAUD L. MCGRATH (Foreign Department)

will sign:
per pro



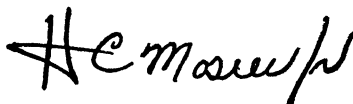
JOHN J. MILLER (Foreign Department)

will sign:
per pro



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

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 10 (page 42) — *Continued*

THOMAS J. O'CONNELL (Foreign Department)

will sign:
per pro



DAVID J. QUINLAN (Government Bond and Safekeeping
Department)

will sign:
per pro



DONALD E. SCHMID (Government Bond and Safekeeping
Department)

(See index for other authority)

will sign:
per pro



RICHARD J. SHEEHAN (Accounting Department)

will sign:
per pro



JOHN J. SLOAN (Accounting Department)

will sign:
per pro



MIRIAM J. SOLEY (Foreign Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 10 (page 42) — *Continued*

ROBERT B. STARKIE (Collection Department)

(See index for other authority)

will sign:
per pro

R B Starkie

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

ANTHONY O. ACQUAVIVA (Coin Division of the Cash Department)

(See index for other authority)

will sign:
per pro

A. Acquaviva

LAWRENCE B. AIKEN (Acceptance Department)

will sign:
per pro

Lawrence B Aiken

ANTOINETTE ALOIA (Collection Division of the Collection Department)

will sign:
per pro

A. Aloia

SALVATORE J. AMARI (Accounting Department)

will sign:
per pro

S Amari

ROBERT J. AMBROSE (Check Processing Department)

will sign:
per pro

R J Ambrose

OTHER SIGNERS — *Continued*

Paragraph 11 (page 46) — *Continued*

ADELE H. ANGOWSKI (Savings Bond Department)

will sign:
per pro



SALVATORE AZZINNARI (Accounting Division of the Accounting Department)

will sign:
per pro



VIRGINIA BEDROSIAN (Check Adjustment and Return Items Department)

will sign:
per pro



GEORGE T. BENSON (Savings Bond Department)

will sign:
per pro



ELI L. BERGER (Accounting Department)

will sign:
per pro



STEPHEN J. BERNATOWICZ (Government Bond and Safekeeping Department)

(See index for other authority)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 11 (page 46) — *Continued*

JORDAN B. BILLUPS (Check Processing Department)

will sign:
per pro



DANIEL BOLWELL (Securities Department)

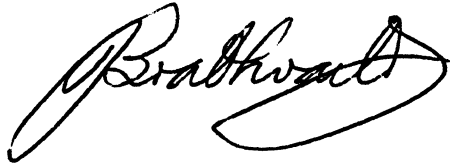
(See index for other authority)

will sign:
per pro



JORGE A. BRATHWAITE (Government Bond and Safekeeping Department)

will sign:
per pro



PATRICK V. BROSNIHAN (Check Adjustment and Return Items Department)

(See index for other authority)

will sign:
per pro



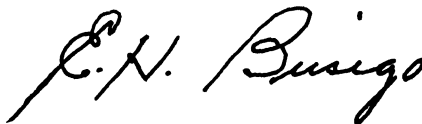
VERONICA J. BURNS (Check Processing Department)

will sign:
per pro



EDWARD H. BUSIGO (Coupon Division of the Collection Department)

will sign:
per pro



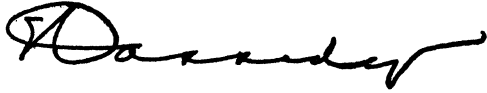
OTHER SIGNERS — *Continued*

Paragraph 11 (page 46) — *Continued*

FRANK X. CASSIDY (Sorting and Counting Division of the Cash Department)

(See index for other authority)

will sign:
per pro



ROBERT A. CHATTEN (Accounting Department)

will sign:
per pro



EDWARD J. CHURNEY (Savings Bond Department)

will sign:
per pro



PAUL J. CIEURZO (Government Bond and Safekeeping Department)

(See index for other authority)

will sign:
per pro



ERNEST R. COOPER (Acceptance Department)

will sign:
per pro



SALVATORE F. COSTA (Check Adjustment and Return Items Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 11 (page 46) — *Continued*

JOSEPH G. COYNE (Check Processing Department)

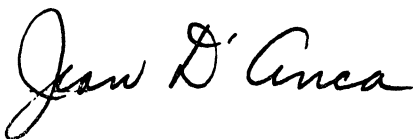
will sign:
per pro



JEAN D'ANCA (Personnel Department)

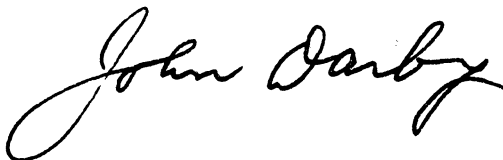
(See index for other authority)

will sign:
per pro



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

will sign:
per pro



HELMER DELIN (Government Bond and Safekeeping Department)

(See index for other authority)

will sign:
per pro



AUGUST W. DITZEL (Check Processing Department)

will sign:
per pro



GERARD A. DUNN (Check Processing Department)

will sign:
per pro



KENNETH R. DUSS (Check Processing Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 11 (page 46) — *Continued*

THOMAS F. EGAN (Check Processing Department)

will sign:
per pro



GEORGE E. ELLERICH (Check Processing Department)
(See index for other authority)

will sign:
per pro



RICHARD S. FAZIO (Accounting Department)

will sign:
per pro



JOHN J. FLYNN (Check Processing Department)

will sign:
per pro



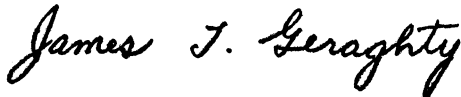
HUGH S. GARRETT (Data Processing Division of the Computer
Operations Department)

will sign:
per pro



JAMES T. GERAGHTY (Acceptance Division of the Acceptance
Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 11 (page 46) — *Continued*

WILLIAM F. GRAY (Check Processing Department)

will sign:
per pro



LINWOOD E. GREGORY (Check Processing Department)

will sign:
per pro



JOSEPH J. GRIMSHAW (Government Bond and Safekeeping Department)

will sign:
per pro



WILLIAM E. HARTMANN (Check Adjustment and Return Items Department)

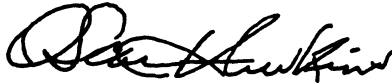
(See index for other authority)

will sign:
per pro



OSCAR HAWKINS (Check Processing Department)

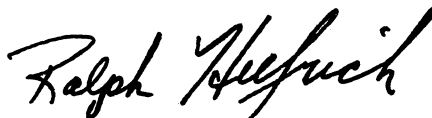
will sign:
per pro



RALPH T. HELFRICH (Securities Department)

(See index for other authority)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 11 (page 46) — *Continued*

EDGAR J. HESS (Check Processing Department)

will sign:
per pro



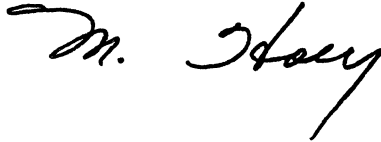
WILLIAM A. HOENSCHIED (Wire Transfer Division of the Collection Department)

will sign:
per pro



MARGARET V. HOEY (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 11 (page 46) — *Continued*

WILLIAM J. IRWIN (Check Processing Division (Day) of the Check Processing Department)

(See index for other authority)

will sign:
per pro



RUDOLPH L. JURDAK (Check Processing Department)

will sign:
per pro



ROBERT J. KAMMARADA (Savings Bond Department)

will sign:
per pro



STEPHEN A. KOHL (Coin Division of the Cash Department)

(See index for other authority)

will sign:
per pro



LEONARD F. KOSCIUCH (Check Processing Department)

will sign:
per pro



MICHAEL J. LANGTON (Check Processing Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 11 (page 46) — *Continued*

JOHN W. LANZA (Sorting and Counting Division of the Cash
Department)

(See index for other authority)

will sign:
per pro



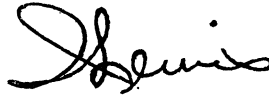
MARTIN E. LEIBOWITZ (Check Processing Department)

will sign:
per pro



IRENE LEWIS (Check Processing Department)

will sign:
per pro



THOMAS W. LLANES (Check Processing Department)

will sign:
per pro



CLETUS J. MACKIN (Paying and Receiving Division of the Cash
Department)

(See index for other authority)

will sign:
per pro



GEORGE J. MANGER (Data Processing Division of the Computer
Operations Department)

(See index for other authority)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 11 (page 46) — *Continued*

RUDOLPH J. MARCO (Sorting and Counting Division of the Cash
Department)

(See index for other authority)

will sign:
per pro



ELLIOTT C. McENTEE (Wire Transfer Division of the Collection
Department)

will sign:
per pro



MARION T. MIRECKI (Coupon Division of the Collection Department)

will sign:
per pro



DONALD R. MOORE (Check Processing Department)

will sign:
per pro



CHARLES J. O'CONNOR (Check Processing Department)

will sign:
per pro



MARIE O'CONNOR (Accounting Division of the Accounting
Department)

will sign:
per pro



JEROME P. PERLONGO (Check Processing Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 11 (page 46) — *Continued*

VINCENT P. PETERS (Check Processing Department)

will sign:
per pro



STEPHANIE POTISK (Check Processing Department)

will sign:
per pro



FRANK P. PUFF (Check Adjustment and Return Items Department)
(See index for other authority)

will sign:
per pro



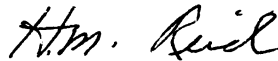
RICHARD R. RANFTLE (Check Processing Department)

will sign:
per pro



HELENE M. REID (Check Processing Department)

will sign:
per pro



CATHERINE REILLY (Check Processing Department)

will sign:
per pro



ANTHONY N. SAGLIANO (Post Office Division of the Service
Department)
(See index for other authority)

will sign:
per pro

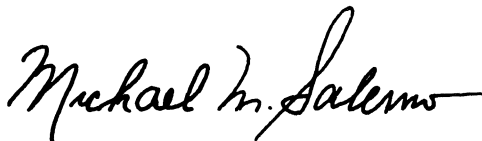


OTHER SIGNERS — *Continued*

Paragraph 11 (page 46) — *Continued*

MICHAEL M. SALERNO (Check Processing Department)

will sign:
per pro



YOLANDA SALERNO (Government Bond and Safekeeping Department)

will sign:
per pro



REGINALD J. SKOWRONSKI (Savings Bond Department)

will sign:
per pro



DANIEL SPALLONE (Wire Transfer Division of the Collection Department)

will sign:
per pro



JASON M. STERN (Check Processing Department)

will sign:
per pro



ALFRED E. STRUB (Check Processing Department)

will sign:
per pro



CECIL L. TUCKER (Check Processing Department)

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 11 (page 46) — *Continued*

JOSEPH L. TUMINELLI (Service Department)
(See index for other authority)

will sign:
per pro



AUGUST VELLA (Check Processing Department)

will sign:
per pro



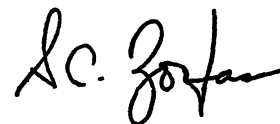
DOMINIC D. ZACCARDO (Government Bond and Safekeeping Department)

will sign:
per pro



STUART C. ZORFAS (Securities Department)

will sign:
per pro



12. The following has 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:

WILLIAM G. FITCH

will sign:
per pro



13. The following has authority to sign per procurement 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:

DOROTHEA B. EDMOND

will sign:
per pro



OTHER SIGNERS — *Continued*

14. The following have authority to sign per procurement (a) advices, receipts, and tickets relating to the routine operations of the Paying and Receiving Division of the Cash Department; and (b) certifications of checks, drafts, and other orders for the payment of money drawn on this Bank:

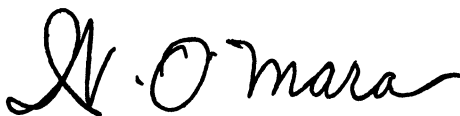
ALFRED G. GASCOIGNE
(See index for other authority)

will sign:
per pro



WALTER E. O'MARA
(See index for other authority)

will sign:
per pro



15. The following has authority to sign per procurement receipts and advices of credit relating to the routine operations of the Cash Department:

GEORGE MIGNONE

will sign:
per pro



16. The following have authority to sign per procurement receipts for counterfeit currency received by this Bank:

ANDREW GRIESHABER

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 16 (page 60) — *Continued*

CHARLES F. SIGLER

will sign:
per pro



EDWARD L. WASHBURN

will sign:
per pro



17. The following have authority to sign per procuration (a) advices, receipts, and tickets relating to the routine operations of the Collection Department; (b) checks drawn by this Bank as fiscal agent of the United States on the Treasurer of the United States 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, and the Government National Mortgage Association in payment of coupons which are obligations of these agencies:

DONALD F. AISSA

(See index for other authority)

will sign:
per pro



CHARLES E. ROCKEY

(See index for other authority)

will sign:
per pro



OTHER SIGNERS — *Continued*

18. The following have authority to sign per procuration (a) checks drawn by this Bank as fiscal agent of the United States on the Treasurer of the United States 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; 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 Government National Mortgage Association as Trustee of various trusts, and the Federal National Mortgage Association, in payment of principal or interest on the obligations of these agencies:

ARTHUR A. KLASS

(See index for other authority)

will sign:
per pro



JAMES F. PHELAN

(See index for other authority)

will sign:
per pro



STEPHEN P. WEIS

(See index for other authority)

will sign:
per pro



19. The following have authority to sign per procuration (a) checks drawn by this Bank as fiscal agent of the United States on the Treasurer of the United States 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:

ROBERT M. GORDON

will sign:
per pro



OTHER SIGNERS — *Continued*

Paragraph 19 (page 62) — *Continued*

ROBERT V. MURRAY

will sign:
per pro



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


RONALD S. COOK

will sign:
per pro



RONALD E. DITTMAN

will sign:
per pro



JOSEPH W. SMITH

will sign:
per pro



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

JOSEPH C. ALTADONNA

will sign:
per pro



OTHER SIGNERS — *Continued*

22. The following have authority to sign per procuration (a) checks drawn by this Bank as fiscal agent of the United States on the Treasurer of the United States 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:

MARK E. ASCERNO
(See index for other authority)

will sign:
per pro



EDWIN V. LARSON
(See index for other authority)

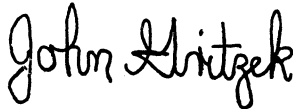
will sign:
per pro



23. The following have authority to sign per procuration (a) checks drawn by this Bank as fiscal agent of the Commodity Credit Corporation on the Treasurer of the United States pursuant to instructions received by the Bank from the Commodity Credit Corporation; and (b) advices, receipts, and tickets relating to the routine operations of the departments or divisions indicated after their respective names:

JOHN GRITZEK (Collection Department)
(See index for other authority)

will sign:
per pro



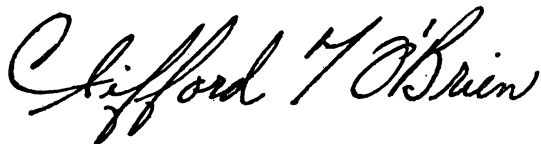
WILLIAM F. LUCID (Collection Division of the Collection Department)

will sign:
per pro



CLIFFORD T. O'BRIEN (Collection Department)
(See index for other authority)

will sign:
per pro



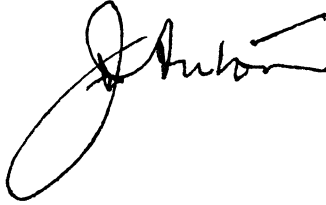
OTHER SIGNERS — *Continued*

24. 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:

JAMES R. AUTON

(See index for other authority)

will sign:
per pro

A handwritten signature in dark ink, appearing to read 'J. Auton', with a large, sweeping loop at the beginning.

THOMAS C. BARMAN

(See index for other authority)

will sign:
per pro

A handwritten signature in dark ink, appearing to read 'T. Barman', with a large, sweeping loop at the beginning.

EDWIN W. CARROLL

(See index for other authority)

will sign:
per pro

A handwritten signature in dark ink, appearing to read 'E. W. Carroll', with a large, sweeping loop at the beginning.

G. CARROLL MARTENSON

(See index for other authority)

will sign:
per pro

A handwritten signature in dark ink, appearing to read 'G. Martenson', with a large, sweeping loop at the beginning.

GEORGE W. RYAN

(See index for other authority)

will sign:
per pro

A handwritten signature in dark ink, appearing to read 'G. W. Ryan', with a large, sweeping loop at the beginning.

OTHER SIGNERS — *Continued*

25. The following has 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 Assets Control Division, Foreign Department:

MARGARET M. GIRSCHICK

will sign:
per pro



26. The following has 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) tickets relating to the routine operations of the Foreign Assets Control Division, Foreign Department:

JOSEPH G. EIBELL

(See index for other authority)

will sign:
per pro



27. 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, and (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:

MILTON DIETZ

(See index for other authority)

will sign:



ROBERT V. KEIHNER, JR.

(See index for other authority)

will sign:



OTHER SIGNERS — *Continued*

Paragraph 27 (page 66) — *Continued*

ARTHUR A. KLASS

(See index for other authority)

will sign:



JAMES F. PHELAN

(See index for other authority)

will sign:



DONALD E. SCHMID

(See index for other authority)

will sign:



STEPHEN P. WEIS

(See index for other authority)

will sign:



AUDITING DEPARTMENT

28. The following have authority to sign correspondence and reconcilements in connection with the work of the Auditing Department:

Officers

GEORGE C. SMITH, General Auditor,

will sign:



JOHN E. FLANAGAN, Assistant General Auditor,

will sign:



AUDITING DEPARTMENT — *Continued*

Other Signers

Paragraph 28 (page 67) — *Continued*

GERALD J. CONNOLLY, Chief, Auditing Division, Auditing
Department,

will sign:



DONALD R. ANDERSON, Assistant Chief, Auditing Division, Auditing
Department,

will sign:



GEORGE J. KERRIGAN, Assistant Chief, Auditing Division, Auditing
Department,

will sign:



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

THOMAS J. MYERS, Branch Auditor,


will sign:



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

JAMES LAVIN, Jr.

will sign:
per pro




AUDITING DEPARTMENT — *Other Signers — Continued*

Paragraph 30 (page 68) — *Continued*

WOODROW F. SWEENEY

will sign:
per pro



BUFFALO BRANCH

Officers

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

ANGUS A. MACINNES, Jr., Vice President,

will sign:



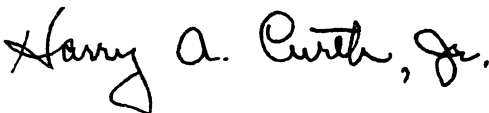
RONALD B. GRAY, Assistant Vice President and Cashier,

will sign:



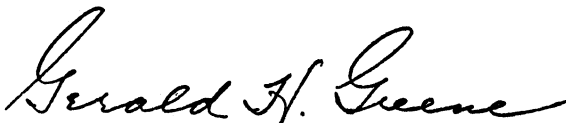
HARRY A. CURTH, Jr., Assistant Cashier,

will sign:



GERALD H. GREENE, Assistant Cashier,

will sign:



BUFFALO BRANCH — *Officers — Continued*

Paragraph 31 (page 69) — *Continued*

ARTHUR A. RANDALL, Assistant Cashier,

will sign:



Other Signers

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


SIEGFRIED H. BOCHMANN, Building Superintendent, Building Operating Division,

will sign:



PHILIP G. COLETTI, Chief, Cash Division,
(See index for other authority)

will sign:



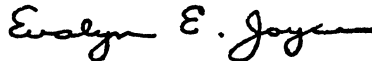
ALLAN C. HINES, Chief, Personnel Division,

will sign:



EVALYN E. JOYCE, Chief, Accounting Division,
(See index for other authority)

will sign:



JOHN F. KRAFT, Chief, Computer Services Division,
(See index for other authority)

will sign:




BUFFALO BRANCH — *Other Signers — Continued*

Paragraph 32 (page 70) — *Continued*

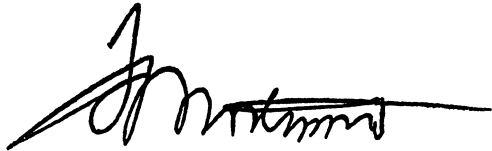
PETER D. LUCE, Special Representative, Bank Relations and
Public Information function,

will sign:



FREDERICK W. MORTENSON, Chief, Check Division,
(See index for other authority)

will sign:



CALVERT NIEDERPRUEM, Chief, Collection, Loans, and Fiscal Agency
Division,
(See index for other authority)

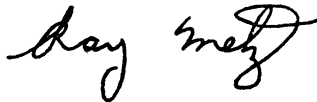
will sign:



33. 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,

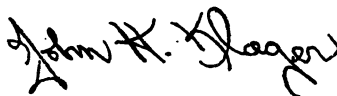
will sign:



34. 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:



BUFFALO BRANCH — *Other Signers — Continued*

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

CALVERT NIEDERPRUEM
(See index for other authority)

will sign:
per pro



DONALD J. WEBER

will sign:
per pro



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

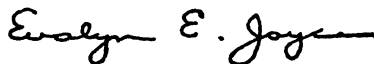
PHILIP G. COLETTI (Cash Division)
(See index for other authority)

will sign:
per pro



EVALYN E. JOYCE (Accounting Division)
(See index for other authority)

will sign:
per pro



JOHN F. KRAFT (Computer Services Division)
(See index for other authority)

will sign:
per pro



BUFFALO BRANCH — *Other Signers — Continued*

Paragraph 36 (page 72) — *Continued*

ROBERT J. McDONNELL (Accounting Division)

will sign:

per pro

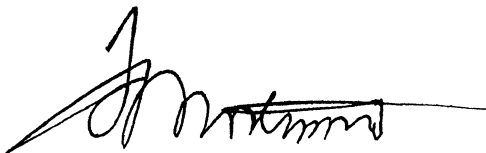


FREDERICK W. MORTENSON (Check Division)

(See index for other authority)

will sign:

per pro



DAVID P. SCHWARZMUELLER (Cash Division)

will sign:

per pro



GODFREY R. STOCKINGER (Cash Division)

will sign:

per pro



DOUGLAS A. SWEET (Cash Division)

will sign:

per pro



JAMES L. TYLER (Check Division)

will sign:

per pro



EDWARD C. YOUNG (Check Division)

will sign:

per pro



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