Ohamanjayarao Gadgit Library GIPE-PUNE-014049



CLEARINGS AND COLLECTIONS; FOREIGN AND DOMESTIC

B¥

THATCHER C. JONES, A. M., M. C. S.

Assistant Professor of Finance New York University

SUBMITTED IN PARTIAL PULPILMENT OF THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN THE FACULTY OF POLITICAL SCIENCE COLUMBIA UNIVERSITY

Public Law of Columbia University.

NEW YORK 1931 X621:5.50j7 G1 14049

COPYRIGHT, 1931

BY

COLUMBIA UNIVERSITY PRESS

PRINTED IN THE UNITED STATES OF AMERICA

قه MY WIFE GLENETTE CLARK JONES



PREFACE

THE purpose of this book is to present a description of the clearing and collection mechanism employed in England, Germany, Canada, and the United States, and to describe the clearing functions performed by central banks.

The clearing principle is followed in all countries, but its specific application shows considerable variation. Although methods of clearing and collecting credit instruments have been in use for a long time, the procedure varies and the full significance of accruing advantages are not fully realized.

The use of giro-transfers and postal checks necessitated special consideration of the clearing and collection procedure in Germany. England, with her clearings centralized in London, also presents a situation quite different from that of Canada and the United States with their wide expanse of sparsely settled territory. Again, the banking system of Canada with its few chartered banks and many branches necessitates a clearing mechanism different in many respects from that of the United States where there are approximately twenty-three thousand independent institutions.

Inasmuch as central banks are the logical depositories of banking reserves, their part in the clearing process is of considerable importance. Throughout the book there has been an effort to connect the clearing mechanism with banking reserves.

No attempt has been made to describe the clearing and collection difficulties in the United States prior to the establishment of the Federal Reserve System, a description of existing methods being regarded as adequate.

8 PREFACE

This book is part of a more comprehensive study by the author, entitled *Clearing Mechanism and Banking Concentration*, which considers the trend toward banking concentration in the United States, following similar movements in other countries, and the effect on clearing procedure.

The author acknowledges his indebtedness to several persons for their constructive suggestions. He takes this opportunity to express his appreciation for the kindly cooperation of Julius Brandenburg and Michael L. Bregman, members of the New York Stock Exchange firm of Brandenburg & Co., with whom he was associated during the preparation of this study.

THATCHER C. JONES

NEW YORK CITY, MAY, 1931.

CONTENTS

	PAGE
Prepace	7
CHAPTER I	
Introduction	11
CHAPTER II	
Clearings and Collections in England	21
CHAPTER III	
Clearings and Collections in Germany	52
CHAPTER IV	
Clearings and Collections in Canada	98
CHAPTER V	
Clearings and Collections in the United States	130
CHAPTER VI	
Clearing and Central Banking	199
CHAPTER VII	
General Comments	252
Bibliography	275
Index	283
	_

BIBLIOGRAPHY

GENERAL

- Allgemeine Bestimmungen Über den Geschöftsverkehr mit der Reichsbank, Pamphlet (May, 1927).
- American Bank and Trust Co. et al. v. Federal Reserve Bank of Atlanta et al., 262 U.S. 643 (1923).
- American Bankers' Association, *Proceedings*, 1906, pp. 45, 104; 1909, Clearing House Section, pp. 25-26, 41-42; 1911, p. 716; 1916, pp. 538, 602; 1919, p. 440.
- Anderson, Benjamin M., "Commodity Price Stabilization a False Goal of Central Bank Policy," Chase Economic Bulletin, vol. ix, no. 3, May 8, 1929.
- Andréadès, B., History of the Bank of England (London, 1909).
- Anderson, Gordon B., "Some Phases of the New Check Collection System," Annals of the American Academy of Political and Social Science, vol. lxiii (1916).
- Baasch, Ernst, Die Handelskammer zu Hamburg, 1865-1915, vol. ii, pt. i (1915).
- Bailey, Dudley P., The Clearing House System (New York, 1890).
- Bank des Berliner Kassen-Vereins, Geschäfts-Ordnung für den Inkassound Giro-Verkehr, Pamphlet, 1929.
- Bank of Montreal, Circular No. R. 168 (December 23, 1924), for instruction of its staff.
- The Bankers Almanac and Year Book for 1929-1930 (London).
- Barbieri, R. J., "Interbranch Check Clearings," American Institute of Banking, Proceedings (July, 1926), pp. 268-270.
- Benefits to Bankers from Membership in the Federal Reserve System, pamphlet issued by Federal Reserve Bank of Chicago, August, 1924.
- "Branch, Chain, Group Banking," Hearings Before the Committee on Banking and Currency, House of Representatives, 71st Cong., 2d Sess., H. Res. 141 (1930).
- Breckenridge, Roeliff Morton, The Canadian Banking System 1817-1890 (Toronto, 1894).
- Brown, William Adams, Jr., England and the New Gold Standard, 1919-1926 (Yale Univ. Press, New Haven, 1929).
- Buchwald, Bruno, Die Technik des Bankbetriebes, Ein Hand- und Lehrbuch des praktischen Bank- und Börsenwesens (Berlin, 1918).
- Cablot, Louis, La Sécurité et L'Economie des Paiments en France, Spécialement Dans le Commerce de Banque (Paris, 1913).

- Canada Year Book.
- Canadian Bankers' Association, Rules and Regulations, Clearing Houses for Banks (March, 1928).
- Cannon, James G., Clearing Houses, Their History, Methods and Administration (New York, 1900).
- Cassel, Gustav, The Theory of Social Economy, translated by Joseph McCabe, 2 vols. (London, 1923).
- Champion, T. J., "Branch Bank Clearings," American Institute of Banking, Proceedings (June, 1928), pp. 289 et seq.
- Colwell, Stephen, The Ways and Means of Payment: a Full Analysis of the Credit System with Its Various Modes of Adjustment (Philadelphia, 1859).
- Commonwealth of Australia, Parliamentary Debates, 1924, 14-15 George V, vol. 107.
- Conrad, Walter, Handbuch des deutschen Scheckrechts unter Berüchsichtigung der ausländischen Gesetzgebung (Stuttgart, 1908).
- Constitution, Rules and Regulation of the Montreal Clearing House as Revised and Amended, March, 1927.
- Conway, Thomas, Jr., and Patterson, Ernest M., The Operation of the New Bank Act (Philadelphia, 1914).
- Cox, J. Elwood, "Federal Reserve Clearing and Collection System," American Bankers' Association, *Proceedings*, vol. xliii (1917).
- Die Deutschen Abrechnungsstellen, Official publication of the Reichsbank; pub. annually.
- Dierschke, K. and F. Müller, Die Notenbanken der Welt, 2 vols. (Berlin, 1926).
- Dumbar, Charles F., Chapters of the Theory and History of Banking (New York, 1892).
- Einzig, Paul, The Bank For International Settlements (London, 1930).
- Falconbridge, John Delatre, The Canadian Law of Banks and Banking, the Clearing House, Currency and Dominion Notes, Bills, Notes, Cheques and other Negotiable Instruments (Toronto, 1913).
- Farmers and Merchants Bank of Monroe, North Carolina et al., v. Federal Reserve Bank of Richmond, Virginia, 262 U. S. 649 (1923).
- Federal Reserve Inter-District Collection System (July 1, 1917), pub. by Federal Reserve Board.
- Federal Reserve Bank of Richmond, Series of Letters on the operations of the Federal Reserve System.
- Foster, Major B., Banking (New York, 1030).
- Fisher, Irving, The Purchasing Power of Money (New York, 1911).
- Füllgraf, Carl, Die neuere Entwicklung des Scheck- und Giroverkehrs (Halle a.S., 1911).
- Gibbons, J. S., The Banks of New York, Their Dealers, the Clearing House, and the Panic of 1857 (New York, 1858).

- Graham, William, The One Pound Note in the History of Banking in Great Britain, 2nd ed. (Edinburgh, 1911).
- Hannaford, Charles F., Cheques: Their Origin and Development, and How They Are Handled by an English Bank (London, 1923).
- Harding, W. P. G., The Formative Period of the Federal Reserve System (New York, 1925).
- Harr, Luther A., Branch Banking in England (Philadelphia, 1929).
- Hartung, Kurt, "Rules of the Bank des Berliner Kassen-Vereins," pub. in Schneider-Dahleim, *Usancen der Berliner Fonds-Borse* (Berlin, 1929).
- Hawtrey, Ralph G., The Gold Standard in Theory and Practice (London, 1927).
- "Hearings Before the Committee on Rules, House of Representatives," 66th Cong., 2d Sess., on H. R. 476.
- Heckel, Max V., "Postscheck" rev. by Fritz Schmidt, Handwörterbuch der Staatswissenschaften (Jena, 1925), vol. vi.
- Heilfron, Ed., Geld-Bank und Borsenrecht, 2d ed. (Berlin, 1912).
- Hoffman-Freiburg, "Sparkassen," Handwörterbuch der Staatswissenschaften, 4th ed. (Jena, 1926), vol. vii.
- Holland, Robert Martin, The London Bankers Clearing House, U. S. Nat. Mon. Com. Pubs.; 61st Cong., 2nd Sess., Sen. Doc. No. 492 (1910).
- Howarth, William, Our Clearing System and Clearing Houses (London, 1897).
- Interviews on the Banking and Currency Systems of England, Scotland, France, Germany, Switzerland, and Italy, U. S. Nat. Mon. Com. Pubs., 61st Cong., and Sess., Sen. Doc. No. 405 (1910).
- Janssen, M. A. E., "Note on the Plan for an International Clearing House," League of Nations Provisional and Financial Committee, Financial Section, Geneva, April 8, 1912.
- Jay, Pierre, The Country Banker and the Federal Reserve System, 64th Cong., 1st Sess., Sen. Doc. No. 458 (1916).
- Jevons, W. Stanley, Money and the Mechanism of Exchange (New York, 1897).
- Johnson, Joseph French, The Canadian Banking System, Nat. Mon. Com. Pubs., 61st Cong., and Sess., Sen. Doc. No. 583 (1910).
- Johnson, Joseph French, Money and Currency in Relation to Industry, Prices, and the Rate of Interest, rev. ed. (New York, 1905).
- Katzenellenbaum, S. S., Russian Currency and Banking 1914-1924 (London, 1925).
- Kemmerer, Edwin Walter, Money and Credit Instruments In Their Relation to General Prices (New York, 1907).
- Kinley, David, The Use of Credit Instruments for Payments in the United States, U. S. Nat. Mon. Com. Pubs., 61st Cong., and Sess., Sen. Doc. No. 399 (1910).

- Kisch, Cecil H. and Elkin, W. A., Central Banks, A Study of the Constitutions of Banks of Issue With an Analysis of Representative Charters (London, 1928).
- Kniffin, William H., American Banking Practice (New York, 1921).
- Leitner, Friedrich, Das Bankgeschäft und Seine Technik (Frankfurt a. M., 1910).
- Matthews, Philip W., The Bankers' Clearing House, What It Is and What It Does (London, 1921).
- Minty, Leonard Le Marchant, English Banking Methods: The Practical Operation of an English Bank, 2nd ed. (London, 1925).
- Miscellaneous Articles on German Banking, U. S. Nat. Mon. Com. Pubs., 61st Cong., 2nd Sess., Sen. Doc. No. 508 (1910).
- Mitchell, Wesley C., Business Cycles, The Problem and Its Setting (New York, 1927).
- Moody's Manual of Investments: Banks and Insurance Companies (New York, 1928).
- New York Clearing House Association, Constitution.
- Of Service to Banks and Business, pamphlet published by the Federal Reserve Board, September, 1923.
- Palgrave, Sir Robert Harry Inglis, Dictionary of Political Economy (London, 1919).
- "Par Collection of Checks," Hearings Before the Committee on Banking and Currency of the House of Representatives on H. R. 12379, 66th Cong., 1-3 Sess., 1919-1921.
- Patterson, E. L. Stewart, Banking Principles and Practice (New York, 1923).
- Powell, Ellis T., The Evolution of the Money Market, 1385-1915 (London, 1915).
- Pownall, George H., English Banking: Its Development and Some Problems It Has to Solve, London School of Economics (London, 1914).
- Raab, Friedrich, Young-Plan oder Dawes Plan? (Berlin, 1929).
- Rauchberg, Heinrich, Der Clearing und Giro-Verkehr in Österreich-Ungarn und Im Auslande (Vienna, 1897).
- Reed, Harold L., The Development of Federal Reserve Policy (New York, 1922).
- Regulation J, Series 1916, 1924, 1928, 1930, Federal Reserve Bulletin, vol. ii (1916), vol. x (1924), vol. xiv (1928), vol. xvi (1930).
- Reichsbank, Allgemeine Bestimmungen für den Geschäftsverkehr, Pamphlet, 1927.
- Ross, Victor, A History of the Canadian Bank of Commerce, 2 vols. (Toronto, 1920, 1922).
- Scandinavian Banking Laws, A Translation of the Acts and Regulations Governing the Central Banks, School of Business, Columbia University (New York, 1926).

- Schmidt, Fritz, "Bargeldloser Zahlungsverkehr," Handswörterbuch der Staatswissenschaften, 2 vols., 4th ed. (Jena, 1924).
- Schmidt, Fritz, Der Nationale Zahlungsverkehr, 2 vols. (Leipzig, 1920).
- Schoele, Otto, "Das Berliner Eilavisverfahren," Bank-Archiv, Zeitschrift für Bank- und Börsenwesen, vol. xx (March 15, 1921), No. 12. Scott, William A., Money and Banking, 6th ed. (New York, 1926).
- Spahr, Walter Earl, The Clearing and Collection of Checks (New York, 1026).
- Spalding, William F., The London Money Market, A Practical Guide to What It Is, Where It Is, and the Operations Conducted In It, and ed. (London, 1924).
- Sprague, O. M. W., and Burgess, W. Randolph, "Money and Credit and Their Effect on Business," Recent Economic Changes in the United States, Report of the Committee on Recent Economic Changes, of the President's Conference on Unemployment, 2 vols. (New York, 1929), vol. ii.
- Tippetts, Charles S., State Banks and the Federal Reserve System (New York, 1929).
- Walker, Byron E., A History of Banking in All the Leading Nations, 3 vols. (New York, 1896), vol. iii. Compiled by thirteen authors.
- Warburg, Paul M., "The Reserve Problem and the Future of the Federal Reserve System," American Bankers' Association, Proceedings, vol. xlii (1916), pp. 219-245.
- Westerfield, Ray B., Banking Principles and Practice, rev. prtg. (New York, 1928).
- Willis, H. Parker, The Federal Reserve—A Study of the Banking System of the United States (New York, 1915).
- Willis, H. Parker, The Federal Reserve System (New York, 1923).

 Willis, H. Parker and Beckhart, B. H., Foreign Banking Systems (New York, 1929).
- Willis, H. Parker and Edwards, George W., Banking and Business (New York, 1922).
- Willis, H. Parker and Steiner, William H., Federal Reserve Banking Practice (New York, 1926).

STATUTES

- Alabama, General and Local Laws, Special Session, 1920, No. 35.

 Australia, Commonwealth Bank Act, 1911-1920, amended August 20, 1924,

 Art. 60 AC.
- Austria, National Bank Act, 1926, Art. 1, 45, 46, 47, 50, 57-59, 85, 86. Belgium, Statutes of National Bank, 1927, Art. xxiv, xxvi, xxxi.
- Canada, Statutes, 1913, 3-4 George V, c.9; 1914, 4-5 George V, (2), c.3; 1923, 13-14 George V, c. 32 and c.48.
- Chile, Bill for the Creation of "El Banco Central De Chile," 1925, Art. Lxix (c), 85.

Chile, General Banking Bill, Decree-Law No. 559 of September 26, 1925, Art. 19, 20, 55, 56, 73, 74.

Colombia, Proyecto De Ley, Organica Del Banco de La Republica De Colombia, 1923, Art. 13, 18.

Czechoslovakia, Statutes, Act of April, 1920, as amended April, 1925, Art. 8.

Estonia, National Bank Act, 1927, Art. 36, 37, 44-46, 48, 60.

Finland, Bank of Finland Act, 1925, Art. viii.

Florida Statutes, Session Laws, 1921, vol. i, c. 8532.

Georgia Session Laws, 1920, Pt. I, Title VI, p. 107.

Germany, Bankgesets vom 30. August 1924, amended in 1926, Art. 1, sec. 1; Art. 4, sec. 21, sub sec. 7; Art. 5, sec. 29; Art. 31.

Greece, Draft Statutes of Bank of Greece, Art. 3, 45-49, 50, 55, 62-63, 73.

Hungary, National Bank Act, 1924, Art. 1, 45, 46, 47, 50, 83, 85-89.

Italy, Statutes of Bank of Italy as revised January, 1926, Art. 11, 17.

Latvia, Statutes of 1923, Art. 13.

Lithuania, Bank Act, August, 1922, Art. 7, sec. 11.

Louisiana Laws, 1920, No. 23 and No. 175, sec. 2.

Mississippi Laws, 1920, c. 183.

Netherlands, Bank Act, 1919, Art. 11.

North Carolina Public Laws, 1921, c. 20, sec. 2.

Poland, Articles of Association of Bank of Poland, 1924, Art. 47.

Russia, Statutes of the State Bank of Russia, Art. 33, 34.

South Africa, Bank Act, 1920, amended 1923, Art. 19, 30.

South Dakota Laws, 1920, c. 31.

Tennessee Public Acts, 1921, c. 37.

U. S., Federal Reserve Act, 1913 with amendments to May 29, 1928.

U. S. Statutes, Stat. at Large, 13, 38th Cong., 1st Sess., 1863-1865, e. 106, sec. 31, pp. 108-109.

U. S. Statutes, Stat. at Large, 44 Pt. 1, 69 Cong., 1925-1927, sec. 141, p. 268.

REPORTS

Annual Reports of the Comptroller of the Currency.

Annual Reports of the Federal Reserve Board.

Annual Reports of the Reichsbank.

Annual Reports of the Secretary of the Treasury.

"The Reparation Settlement Signed June 7, 1929, with Historical and Explanatory Introduction," *International Conciliation*, October, 1929, No. 253, pub. by Carnegie Endowment for International Peace.

International Economic Conference, Genoa, "Resolutions Adopted by the Financial Commission on the 20th and 20th April, 1922."

International Financial Conference (Brussels, 1920), vol. i, pp. 9, 18.

- League of Nations, Memorandum on Central Banks 1913 and 1918-1923, pp. 8-18 and passim.
- League of Nations, Memorandum on Currency and Central Banks, 1913-1925, vol. i, pt. vii, pp. 64-83.
- League of Nations, Interim Report of the Gold Delegation of the Financial Committee, c. 375, M. 161, 1930, II (Geneva, September 8, 1930).
- League of Nations, Selected Documents Submitted to the Gold Delegation of the Financial Committee, c. 374, M. 160, 1930, II (Geneva, September 8, 1930).
- Referendum No. 39 on the Report of the Committee on Par Clearance for Checks, Chamber of Commerce of the United States of America (Washington, D. C., Aug. 30, 1922).
- "Report of the Committee of Experts on Reparations," Federal Reserve Bulletin, vol. xvi (1930), p. 358.
- Report of the Committee of Experts on Reparations (London, June, 1929), Annex I, pp. 32 et seq., for Young Plan.
- Royal Commission on Indian Currency and Finance, vol. v (1926), pp. 233, 316.

PERIODICALS

- American Academy of Political and Social Sciences, Jay, Pierre, "The Federal Reserve System, State Banks and Par Collections," vol. xcix (1922), pp. 79-86.
- American Economic Review: Fisher, Irving, "The Equation of Exchange for 1918," vol. ix (1919); Gregory, T. E., "What Can Central Banks Really Do?" vol. xv (1925), pp. 53-59.
- American Institute of Banking Bulletin, "Symposium on the Federal Reserve System at the Boston Convention," vol. ii (July, 1920), p. 341.
- The Banker (London), Willis, H. Parker, "The United States and the New International Bank," vol. xi (August, 1929), pp. 193-202.
- The Bankers' Magazine, vol. lv (1897), pp. 578 et seq.; lxvi (1902), pp. 10-11; lxvii (1903), pp. 712, 988-1002; xcv (1917), pp. 683-684-
- The Chicago Banker, McKay, C. R., "Federal Reserve Check Collection System," vol. xlix (March 20, 1920).
- Commercial and Financial Chronicle, vol. zciv (1912), p. 167; c (1915), pp. 1216, 1792-1794; exxii (1926), pp. 2445-2446; exviii (1929), p. 170; exxx (1930), pp. 42, 354-356; "A. C. Miller of Federal Reserve Board says, we are Developing a 'Central Reserve Technique,'" vol. exxii (1926), pp. 2445-2446; Withers, Hartley, "The Powers of Central Banks—Effectiveness of Control by Means of Changes in Discount Rates," vol. exxii (1926), pp. 1378-1379; Withers, Hartley, "Monetary Control—The Power of a Central Bank," vol. exix (1925), p. 1265.

- Commonwealth of Australia Gazette, No. 89 (November 27, 1924), p. 2789.
- The Congressional Digest, vol. viii (1929), Nos. 8-9.
- The Economic Record, Harvey, Sir Ernest, "Address," vol. iii (May, 1927), pp. 1-14.
- The Estonian Economic Review, Nr. 1 (5) (April, 1927), Statutes on Estonian National Bank, Art. 60.
- Federal Reserve Bulletins, vols. 1-16.
- Federal Trade Information Service, vol. xv (1920), No. 15, p. 113; No. 25, p. 193; No. 34, pp. 265-266.
- Journal of the American Bankers Association, vol. ix (1917), p. 552; vol. x (1917-1918), pp. 247-272; vol. xi (1918-1919), pp. 660-664; vol. xii (1919-1920), pp. 67-73, 497-498; vol. xiii (1920-1921), pp. 68, 268, 384-397; vol. xix (1926-1927), p. 563.
- Journal of the American Statistical Association: Burgess, W. Randolph, "The Velocity of Bank Deposits," vol. xviii (1923); Snyder, Carl, "A New Index to the General Price Level from 1875," vol. xix (1924).
- The Manchester Guardian Commercial, Gregory, T. E., "Is Price Stabilization a Check to Progress? The Future of Central Bank Policy," vol. xiii (Dec. 9, 1926).
- The New York Sun, November 14, 1929.
- The Rand-McNally Bankers' Monthly, vol. xxxii (1915), pp. 21-28.
- The Statist, Colbert, John P., "The Future of the Gold Standard" (June 30, 1928), Jubilee Section; "Four years of the Gold Standard" (May 11, 1929).
- Trust Companies, Willis, H. Parker, "Reserves Under the Federal Reserve System," vol. xxix (1919), pp. 561-564.
- The University Journal of Business, Demmery, Joseph, "Correspondent Banks and the Federal Reserve System," vol. ii (1923-1924), No. 3, pp. 288-309.

Abbreviations: B. I. S., Bank for International Settlements: n., footnote.

Abrechnungsblatt, 82 Abrechnungsstelle, 52, 63, 64, 66, 78, 94, 254, 259-60; clearing technique, 81; items, 74, 79, 80, 83; mique, 81; items, 74, 75, membership, 79; number of, 79, membership, 79; number of, 80, 83; 80; offsetting ratios, 80, 83; statistics, 64, 80, 94; supervision of, 78, 81, 95; see Clearing houses

Agency transactions, 43-4 American clearing system,

clearing; city, 194; country items, 181 et seq.; interbranch, 191 et sea.

clearing houses: country, 138-9; number, 129; origin, 129; see Clearing Houses, Federal Reserve System American Bank and Trust Co.

et al. v. Federal Reserve Bank of Atlanta, et al., 153 Andréades, B., and Bank of Eng-

land, 200

Atianta Case, 155

Australia, see Commonwealth Bank of; Bank Act, 212; central bank, 200

Austria, see National Bank of; bank note issues, 200 Aussahlungsamweisungen, 71, 72, 73 Avine 60

Bank des Berliner Kassen-Vereins.

clearings, 79, 85, 96; kinds of: checks, 87—invoices, 86—items, 52, 88, 95; collection items, 78; collections by, 78; give transfers, 61, 66; which see; organizations, 95; settlements, 63-4 Bank of the Republic of Colombia, legal reserves, 219; as clearing house, 236; penalties for reserve violation, 230; return to gold Standard, 221

Bank of Danzig, reserve ratio. 222-3

Bank of England, deposits with, 34, 35; branches, 35; General Account, 34, 35, 36; governor, 23; legal reserves, 216n., 216-217; relation—to clearing house, 21, 34-to members, 24-to provincial clearings, 35; return to gold

standard, 221; settlements, 35 Bank of Estonia, clearing operations, 236; legal reserves, 218: penalties for reserve violation, 231: return to gold standard, 221 Bank of Finland, and gold-ex-change basis, 211; legal reserves,

217; return to gold standard, 221 Bank of France, clearing operations, 238; customers, 93, 212; marked" reserves, 211; reserves, 220; commercial banks,

212; return to gold standard, 221 Bank for International Settlements. balances settled, 250; bank of central banks, 246, 248; capital, 243; clearings: agent of central banks in international, 248-functions, 247-8 international fund, 247: control, 244; discount powers, 246; financial stabilizer, 249; functions, 244-5; gold movements, 246; location, 246; owners, 243; reserve requirements, 245

Bank of Ireland, 39, 40 Bank of Italy, and gold-exchange basis, 211; legal reserves, 219;

return to gold standard, 221; supervises clearings, 236, 252 Bank of Italy National Trust and Savings Association, clearings,

192 et seq. Bank of Japan, legal reserves, 217; return to gold standard, 221;

silver as reserves, 219
Bank of Latvia, legal reserves, 219; penalties for reserve violations, 232

283

Bank of Lithuania, conducts clear-

Bank of Norway, changes of, 201; facilitates clearings, 235; inter-

national clearnigs, 241; legal re-

serves, 217; return to gold stand-

Bank of Poland, and gold-exchange basis, 211; legal reserves, 218:

return to gold standard, 221 Bank of Portugal, reserve ratio.

Bank of Spain, legal reserves, 219;

Bank of Sweden, facilitates clear-

penalties for violation, 232

Bank of Scotland, 21, 41

ings, 236; legal reserves, 218 Bank of Montreal, 107, 108, 112, 127; branch clearings: classification, 120-forms used, 120 et seq.; clearing districts, 120; clearing

functions, 118

ard, 221

222-3

ings, 235; international clear-ings, 241; legal reserves, 217; return to gold standard, 221 Bank clearings, business barometer: Canada, 105 --- England, 48 --United States, 105; see Clearing statistics Bank debits, 48, 105 Bank deposits, amount in U. S., 164; carried with: Bank of England, 34-5-Central banks, 163-Federal reserve banks, 137-Reichsbank, 58-9, 94; for clearing and exchange, 130; interest on uncollected funds, 132; no interest on, 77; reserves against, 165-6; see also Reserves; velocity of turnover, 14, 15 Bank notes, cleared, 21, 273; not legal tender, 170; reserves against, 165-66, 169; see Reserves; substitute for gold, 170, 225 Bankers associations. supervise clearing houses, 252; see Canadian Bankers' Association, London Bankers' Association Bank concentration, see Concentration Barter, 11, 19 Belfast Clearing House, 40 Belgium, see National Bank of Boston Clearing House contrast with New York, 184; country clearings, 183; and Federal Reserve Bank, 138; settlements, 188

Branches: branch banking, 260-72; Canada, 96, 98—number in Canada, 96, 98—number in Canada, 99, 266; clearing, 258, 262, 266-7; direct-settling, 142, 143; England, 36, 266; Germany, 74, 266; United States, direct-settling branches, 142, 143—National City Bank, 194—number, 266—research banks, 144, 244 266-reserve banks, 142, 143 Branch clearings, Canada; 119, 127; England, 36; Germany, 60; United States, 191-7 British Bankers' Association, 23 British Linen Company, 21 Brown, William Adams, Jr., and international flow of gold, 202n, Brussels International Conference, on central bank control, 200; international clearing house, 242; organization of central banks, 201 Bulgaria, see National Bank of Buffalo, settlement of balances, 189 Burgess, W. Randolph, and velocity of deposits turnover, 14, 15 Business barometer, clearings as, 47, 48-9, 49n., 80, 83, 105-6 112, 126 Canadian Bankers' Association, ap-

Canadian Bank of Commerce, 106,

points clearing banks, 103; cooperation through, 107; designates central clearing trustee, 103. 107; supervises Canadian banking, 97, 256, 262; supervises clearing houses, 101, 103, 110

Canadian banking, branch banking, 96; Bankers' Association, 97, which see; clearing house, 100; collection of country items, 100; control, 97; economic factors, 96; geographical characteristics, 96, 98; independent-branch banking system, 98; influenced by, 96; no central bank, 96

Canadian clearing houses, functions, 101; members, 101; number, 104; object of, 101 - compared with U. S., 102; transactions, 104-108; volume, 104

Central Bank of Chile, acts as clearing house, 236; gold-exchange basis, 211; legal reserves, 219, 220; penalties for violation, 229; return to gold standard, 221

Central banks, 129, 199; and note issues, 199 et seq.; and reserves, 206-12, 256; clearings, 203, 234, 253; accounts, carried within: England, 34-6—Germany, 57-8— Ireland, 39, 40—Scotland, 42; clearings services, 96; clearings settlements, 234-9, 256; control of currency, 202; dealings in precious metals, 205, 210, 245; functions of, 202-6; gold exchange basis, 210-11; number of, 201; relation to governments, 199 et seq.—Australia, 200—Bank of England, 199, 201 — Bank of Estonia, 201 — Bank of Greece, 201-Reichsbank, 201; reserves, 206-12, 256-compulsory concontration, 233-4—legal, 213-15 of B. I. S., 245-penalties for violations, 229-33-ratios, 222-24; return to gold standard, 221; see Central bank currency

Central bank currency, Bank of France, 200; control of, 206; control of gold essential, 207; deflation of, a25; gold-exchange basis, 210; Reichsbank, 200;

stabilization of, 210, 221

Central clearing fund, Canada, 104, 106, 254, 263; how created, 106; of central banks, 256; purpose, 106, 118, 128

Central reserve city bank: definition, Ion, reserves concentration, 207; reserves requirements,

Central trustee, appointment, 103; functions, 103, 118, 262; Royal Trust Company, 106, 118, 254

Chain banking, 207

Charges, 172; collection: authorized, 178—Canada, 100, 107, 112, 125, 264-Germany, 57, 75, 76, 265 - Great Britain, 40-United States, 130, 133, 173, 264 -country banks, 173 - discon-tinued by Federal Reserve System, 173 - New York Clearing House, 183; exchange, 130-148, 157-9, 173-6; imposed, 182; percent of income derived from, 176; see also Collection charges, Exchange charges

Chartered banks, bank of branches, 98; branches, 96, 98, 99; clearing |

funds concentrated, 238; location, 99; number, 99; reserves, 220; return to gold standard, 221

Checks, Germany, 52, 74, 96; country checks, 177; route of dishonored, 33; substitute for specie and notes, 21; use: 16; use in-Australia, 16—Canada, 16, 96— England, 13, 21, 96—United States, 13, 96

Checks-in-transit, 135 Chile, see Central Bank of Circuitous routing, 130, 131, 135 City clearings, 179; branches, 194

City collections, eligible items, 45; Federal Reserve Bank of New York, 180; London, 45; New York Clearing House, 45, 180

Clearing: definition, 19, 252; and banking concentration, 269; and central banks, 199, 203, 234; B. I. S., 247-8; branch, 111, 113, 120, 191-7, 272; in Canada: district, 120-head office, 120-internal, 119 - Montreal, 111 -Toronto, 113; county, 186, 273-4; Germany, 52, see Abrechnungsstelle; origin, 19; procedure, 18; in United States, 29-and banking concentration, 267-9—city, 179 Cleveland, 194-5 - concentration of reserves essential to, 163growth of, 152-interbranch, 191-7-items cleared, 179-see Clearing Houses; Walks, 44-5

Clearing bank, 102; functions, 102, 103-of central banks, 102; settlements, 103, see Clearing house

settlement

Clearing centers, 106, 118, 126, 255,

Clearing charges prohibited, 133 Clearing and central banks, 199, 203, 234

Clearing cities, 104, 106 Clearing department, 127

Clearing deposits, with central banks, 18; England, 34-36, Ger-many, 57, 58, 93-94; Ireland, 39-40, Scotland, 41, U. S., see Gold Settlement Fund

Clearing districts, 104, 106/235, 262; procedure, 106 et seq., 118

Clearing houses, bankers associations, 252; Belfast, 40; bibliography, 19-20; Canada, member-

ship in, 262—number in, 104, 255 - transactions in, 104-108 volume in, 104; county, 186 et seq., 273; country checks, 24, 31, 32, 42, 52; Dublin, 39; Edinburgh, 41; for notes, 21, 273; functions, 18, 101, 252; Germany, 52, 79, 80-Abrechnungsstelle, which see, Schechaustauschstelle, which see, Berliner Bank des Kassen-Vereins, which see, Deutsche Giro-Zentralverband, 52 —Deutsche Girozentrale-Deutsche Kommunalbank, 90-2, 95, 261-2— Eilaurs-Verbank, 52, 261—Hypotheken-Abrechnungsstelle, 52, 89, 261; Loan certificates, 102, 189; London, 21; membership, 252; Mortgage banks, 52, 261, see Hypotheken - Abrechnungsstelle; savings banks, 52, 261-2; United States, Boston, 183-functions, 102 - local organizations, 263 -London, 183-New York, 182number, 255

Clearing house method, 182, 183
Clearing house settlement, in:
Canada, 103-8, 118, 125, 126, 265
—England, 33, 34, 35, 36, 45, 46, 265—Germany, 56, 63-4, 80, 89, 265-6—Ireland, 39—Scotland, 41, 42—United States, 142 et seq., 186, 188-9, 263-4, 266—Gold Settlement Fund, 145, see Methods, 189; international, 239-51; B. I. S., 247-8; through central banks, 234-9

Clearing items, 252, 273; Canada, 105, 108, 111, 273; England, 26, 29, 30, 32, 42; Germany, 74, 79-80, 85-9, 260, 273; United States, 134, 179, 195-7

Clearing principle, 17-19, 99, 252, 263

Clearing sheet, 82

Clearing statistics, business barometers, 47, 48-9, 49m., 80, 83, 105-6; Canada, 104, 255; England, 47, 48 et seq., 49, 255; Germany, 64, 80, 83, 85, 94, 255; indexes, 47, 48, 50; New York, 12, 256; volume, 12, 49, 255-6

Cleveland, clearings, 194-5
Collections: definition, 19, 175-6;
agency collections in Great
Britain, 38-43; see Walks;

charges; in Canada, 100, 107, 112, 125, 264—in Channel Islands, etc., 42—in England, 40—by German Grossbanken, 76, 265—in Ireland, 40—in Scotland, 40—in United States, 130, 133, 173, 182, 264; checks, 17; city, 45; eliminated, 133, 173; Germany, 52—commercial banks, 76—Kassen-Verein, 78—Postal Check System 77—Reichsbank, 74, 93-94—Statistics, 76; country items, 74, 100; methods, 17; schedules, see Deferred availability.

Collections in United States: compulsory plan, 134, 138; charges; absorption, 175, amount, 174, at par, 174, 181n., authorized, 178, Hardwick amendment, 174, imposed, 130, 133, 173, 264; Federal reserve banks, 139—feeds funds into System, 256—for members and nonmembers, 139—items, definition, 130, 181 n.—methods, 139, 182—procedure, 181 et seq. Colombia, see Bank of the Republic of

Commonwealth Bank of Australia, legal reserves, 219; return to gold standard, 221; settling bank, 212, 237

Compulsory collection plan, 134, 135, 138, 139

Concentration, 151, 267-73; Canada, 96; cause, 267-9; chain, group and branch, 270; effect on clearings, 269

Correspondent bank method, of collections, 181

Correspondent system, 130; Federal Reserve System, 158 et seq.; "float," 161; immediate credit on collections, 162; use, 130, 160

Country banks: definition, 161%; collections: and reserves, 162—costs, 136—no par, 175; exchange charges, 173-4—25% of income, 176; practices, 162; reserves, 131, 161—purposes, 174—requirements, 161, 166, 216—transit items, 168

Country clearings, 24, 31, 181; Canada, 100; charges, 182, 185, which see, Boston, 183 - New York, 184; compulsory plan, 134, 135; date of origin, 32; England, 183; Germany, 84, 95; objectionable practices, 131; only checks cleared, 32; other items collected, 32, 42; procedure, 32 et seq.; route of dishonored checks, 33; scope, 32; settlement, 35; United States, 131, 181-6, 264, see Clearings; voluntary reciprocal plan, 134

Country check clearing office, see Scheckaustauschstelle

Country clearing houses, and Federal Reserve System, 186, 264; distinguished from regional, 186m.; functions, 264; number, 186; origin, 183

County clearings, 186 et seq., 273 Cover, 210, see Reserves

Credit, acceptability, 11; associations, 95; facilitates exchanges, 11, 19; instruments, 11; use, 11 Currency, inelasticity, 131; stability, 208, see Central bank currency Currency function, 169

Czechoslovakia, see National Bank of

I

Dallas, clearing and collection, 138 Danzig, see Bank of Dawes Plan, 68, 238

Decentralization of reserves, 131,

161, 209, 239
Deferred availability, Canada, 127, 265; Germany, 57, 84, 85, 88, 93, 265; Great Britain, 33; United States, 136, 162, 171, 173, 175, 178, 189, 265—origin, date of, 189—procedure, 189-91—time

schedule, 190-1 Deflation, 225

Deliveries, Montreal, 127; New York, 180, 194; San Francisco, 192-3; Toronto, 126

Demand deposits, reserve requirements, 166

Demmery, Joseph, and use of Federal Reserve System, 159

Denmark, see National Bank of Deutsche Girosentrale-Deutsche Kommunolbank, 91, 95; capital, 91; charges, 92; clearing, 91; deposits, 91; relation to municipalities, 90; resources, 91

"Devisen", definition, 218n.; part of reserve, 232

Direct-settling branches, 142, 143 Discount rate, effect on gold reserves, 211; power of Bank of England, 212

District clearings, Bank of Montreal, 120

Drafts, kinds, 140; for merchandise, 172; for clearing settlements, 189

Dublin Clearing House, 39

E

Ellavis-Verband: definition, 65; membership, 65; operations, 65, 95; statistics, 83; volume, 67

Eilavis-Verkehr, 66; statistics, 67 England, see Bank of; agency transactions, 43; clearings, 19, 21 et seq., see Clearings; collection schedule, 33; London Bankers' Clearing House, 21, which see; number of clearing houses, 255; settlements, 35, see Clearing settlements; settling banks, 35, which see; use of checks, 13 Estonia, see Bank of

Evidences of credit, used in vari-

ous countries, 16-17

Exchange: meaning of, 19, 175-6; charges: 130, 131, 157-9, 173-8—amount of, 177-8, 182—and Federal Reserve System, 174, 179—desired by country banks, 173—excessive, 131, 177—in United States, 130, 131, 174—legalized by states, 157-9—25% of country bank's income, 176; drafts, 140; provision for, 176

F

Farmers and Merchants Bank of Monroe, N. C. et al. v. Federal Reserve Bank of Richmond, Va., 262 U. S. 649, 153n.

Federal Reserve Act, 90; authorized collection charges, 178; clearing and collection provisions, 132 et seq., 253; collection charges permitted, 133; legal, reserves, 216; national banks must join System, 148; origin, date of, 130; par remittance, 134; state banks may join, 148; time schedules,

134; to organize clearinghouses, Federal Reserve Agent, 142

Federal Reserve Bank of Atlanta, par collection controversy, 156 Federal Reserve Bank of Boston, and clearings, 138, 253

Federal Reserve Bank of Kansas City, and compulsory collection

plan, 130 Federal Reserve Bank of New York, city collections, 180; participates in clearings, 253; settling agent for county clearings, 186, 273; settles for New York Clearing House, 188

Federal Reserve Bank of St. Louis, and compulsory collection plan, 139

Federal reserve banks, cooperation with clearing houses, 273; directsettling branches, 142; eliminated collection charges, 173; pay shipping costs, 178; penalties for reserve violation, 233; perform clearing functions, 133, 155; reserves, 216; settlements among, 141 et seq.; settling agents, 263, 273

Federal Reserve Board, collection plan compulsory, 134; collection charges, 174; deferred availabil-ity, 189, which see; drive for membership, 151; duty on par collections, 153; Gold Settlement Fund, 142, which see; least wires of, 143, 145; rulings on par collections, 136; voluntary collec-

tions, 134

Federal Reserve System, clearings and collections, 152 which see; collection system, 131, which see; creation of, 131; efforts of Board, 151; eliminates exchange charges, 175; growth of, 150 et seq.; membership, 150; participates in clearings, 253; replaces country clearing houses, 186, 264; settling agents, 263

Financial Commission, resolution on currency, 208; economic confer-

ence, 221

Financial crisis, 209 Finland, see Bank of

Fisher, Irving, and velocity of circulation, 13, 15

" Float," 122, 135, 161; amount, 163; cause, 162; how created, 135; largely abolished, 137, 189-190; transit items, 168, see Reserves France, see Bank of Free banking system, 98 Functions of reserves, 164

Germany, and Abrechnungsstelle. which see; bank note issues, 200; clearing: see - classes of, 52 mechanism, 257-262—of giro transfers, 56, 258—of Grossbanken, 258; Eilavis-Verband, 65, 67, 83; giro system, 17, 53 et seq., 69, 92, which see; giro et seq., 09, 92, which see; giro telegraphic transfers, 59; Grossbanken, 52, 58, 76, 258; mortgage banks, 52, 89; Postal Check System, 257-9; Reichsbank uses check and giro, 257; savings bank, 52, 90; Scheckoustouschstelle, 52, 83-85, which see illert S. Parker, on reparations.

Gilbert, S. Parker, on reparations,

243 Giro: definition, 53, 55; account, 55; advantages of, 92-3; avise, 60-1; Bank des Berliner Kassen-Vereins, 61; characteristis, 53 et seq., 57, 71; clearing, 56, 258; essentials to, 54, 93; Hamburg system, 62, 63; Konten, 58; system, 62, 63; Nonten, 56; mechanism of, 55-60; no inter-est paid on, 73, 93, 94; Postal Check System, 69, 70; savings banks, 90-2; settlements, 56; Hamburg, 63—Postal Check System, 70 - Reichsbank, 57; time element, 56-7; transfer: 17charges, 57; cooperation, 59, 94—foreign, 58-9, 64—mechanism, 55-60—Postal Check System, 69-Reichsbank, 57, 60-savings banks, 90-2-statistics, 94; users, 93; volume, 64; Verkehr, 57. which see

Gold, amount of, 164; and discount rate, 211; as money, 11; concentration of, 206-7, 233-4; control and currency regulation, 206-7; control of imports and exports of, 202; decentralization of, 209-10: Federal Reserve Act, 169; gold-exchange basis, 210-11; inportance of, 208-9; monetary:

amount, 225-8—fund for international settlements, 241—substitutes, 225; value, 224-5; potency, 165; reserves, 165, which see; reserves and central banks, 206; restricts inflation, 202; world production, 12
Gold-exchange basis: definition, 210; and central banks, 210-11
Gold Settlement Fund, 127, 129,

fold Settlement Fund, 127, 129, 266; amount of, 142, 145, 266; cost to transfer, 141, 266; daily settlements, 142 et seq.; leased wires, 143, 266; modus operandi, 144, 266; origin, 141; requirements, 142; transfers, interdistrict, 190, 255—telegraphic, 145 et. seq.—volume 145, 256; use, 141, 197, 254

Gold standard, return to, 220—by central banks, 221; specie payments suspended, 221

Greece, see National Bank of Geossbanken, 52; collections: activities, 76; charges, 76, 265; deposits with Reichsbank, 58, 93; relation to Reichsbank, 94 Group banking, 269-72; effect on clearings and collections, 272

Ħ

Hamburg, 62, 79, 83 Hardwick amendment, 138, 174 Harvey, Sir Ernest, and functions of central banks, 202-6 Head office, and branch clearings, 37; clearing functions: Canada, 99 - England, 27 et seq. - Germany, 60-1 — Montreal, 120; clearing entries, 127 Howarth, William, and use of checks, 13 Hungary, see National Bank of: bank note issues, 200 Hypotheken-Abrechnungsstelle, 52; members, 80, 95; nation-wide clearings, 96; nature of clearings, 89; origin, 89; procedure, 89; settlement dates, 89, 95

I

Incoming clearings, 195 Independent branch-banking system, 98 Index letters, 31 Inelasticity of currency, 131, 163
Inflation, and central banks, 201;
and gold reserves, 202, 210, 221;
deflation, 225: war. 200

deflation, 225; war, 200
Inter-branch clearings, 191, see
Bank of Italy National Trust
and Savings Association, and National City Bank

Inter-district clearings and collections, 255; Canada, 262; par lists, 136; prescribed by Board, 136; simplified, 142; United States, 131, 181-6, 264 International Economic Union, and

International Economic Union, and international clearing house, 239-

Intra-bank clearings, advantages, 119; in United States, 191 Invoices, clearing of, 260, 273; possibilities, 273

Ireland, agency transactions, 43; Belfast Clearing House, 40; collection procedure, 38 et seq.; collection schedule, 33; Dublin Clearing House, 39; settlement days, 39; settling banks, 39, 40

J

Janssen, M. A. E., and international settlements, 239-41 Jay, Pierre, 167

K

Kassen-Vereins, see Bank des Berliner Kemmerer, Edwin Walter, and velocity of circulation, 15-16 Kinley, David, and use of checks, 13 Kommunale Giroverbände, 91

Ł

Latvia, see Bank of
League of nations, and central
banks, 200-1
Leased wires, date of, 143, use, 143,
145
Lithuania, see Bank of
London, clearing areas, 257, method,
257
London agent, 40, draft oz, 42
London Bankers' Clearing House,

accounts with Bank of England, 24; history, 21-3; index letters, 31; management, 23; member-

ship, 21-2, 24; relation to nonmembers, 24; scope, 24 et seq., 50; settlements, 35; volume, 49, 255

London Westminster Bank, 21 Los Angeles, settlement of balances, 188

Louisiana, legislation against par collections, 156-7

M

Martin's Bank, 22 Member banks, 152

Membership, in Federal Reserve System, benefits, 172; effect on reserves, 171; national banks, 148; number of, 149; other banks, 148; par list, 152; ratio to total, 150; reasons for refusing to join, 149

Metropolitan clearings, 24; classification, 30; items cleared, 30; origin, 30; settlement, 35; time schedule, 25

Mississippi, par collection legislation, 156-7

Mitchell, Wesley C., and use of checks, 13, 15

Monetary stock, see Gold; amount of, 164; United States, 12, 164 Money, amount, 164, qualities, 11

Montreal, see Bank of

Montreal Clearing House, charges, 112; management, 110; membership, 110; modus operandi, 111; regulation of, 110

Mortgage banks clearing house, 52; Hypotheken-Abrechnungssee stelle.

National Bank Act, and note issues, 206; reserves, 163; origin, 206

National Bank of Austria, and gold exchange basis, 210; facilitates clearings, 235; legal reserves, 217, 229; penalties for violation, 229; return to gold standard, 221

National Bank of Belgium, and exchange, 211; gold basis, changes of, 201; clearings, 235-6; legal reserves, 219; return to gold standard, 221

National Bank of Bulgaria, legal reserves, 217; return to gold standard, 221

National Bank of Czechoslovakia, and clearing houses, 236; legal reserves, 217; penalties for violation, 230-1; return to gold standard, 217

National Bank of Denmark, legal reserves, 219; return to gold standard, 221

National Bank of Greece, assists clearings, 236; legal reserves, 218; penalties for violation, 231-2; return to gold standard, 221

National Bank of Hungary, and gold-exchange basis, 211; facilitates clearings, 235; legal re-serves, 217, 229; penalties for violation, 229; return to gold standard, 221

National Bank of Serbia, reserve ratio, 222-3

National City Bank, clearings, 194 et seq.

National and State Bankers' Protective Association, 155

Negotiable instruments, 11 Netherlands Bank, facilitates clearings, 235; legal reserves, 217-8;

return to gold standard, 221 Newark, settlement of balances, 189

New York Clearing House Association, see Clearings; city collections, 196; collection charges, 182; county clearings, 184-5; procedure, 29, 195-7; settlements, 188; volume, 12, 256

New York Stock Exchange, stock clearing, 48

Non-members, clearing for, 109; collections for, 139; inducements to join System, 139; par list, 152-3; refused to join System, 149, 167, 171; telegraphic transfers for, 146

par collection North Carolina, legislation, 158 Norway, see Bank of

Note-circulation privilege, 206

Offset, 17, 178, 252, 263; of gira transfers, 258; ratio of, 80, 83 Outgoing clearings, 195-6

Par collections: definition, 178; and "float," 161; balances transferred at par, 146; Bankers protective association, 155; Board regarded it a duty, 153; charges legalized by states, 157-9; compulsory, 134, 138, 139; concentration of funds, 256; correspondent system, 158 et seq.; efforts of Board, 154; growth of, 152; leased wires, 146; mail remittances payable at par, 138, 190; opposition to, 154 et seq.; par lists, 136; plan, 134 et seq.; reasons for not joining, 154; required under Act, 134; ruling of Board, 136-7; solution, 272; State opposition, 156 et seq.

Penalties for violation of reserves, 168, **22**9-33

Pittsburgh, country clearings, 183 Poland, see Bank of

Portland, settlement of balances, 189

Portugal, see Bank of

Postal Check System, 67-73, 257-9; accounts with Reichsbank and Grossbanken, 259; bureaus, 68; check and giro, 52; clearings, 79, 259 (Postscheckverkehr); collections through, 77; cooperation with Reichsbank, 59, 94; mechanism, 69, 71; member of clearing houses, 259; organization, 68; origin, 68; settlements, 70; transfer statistics, 94; users of, 69

Postscheckämter, 68

Postscheckverkehr, Postal Check System

Pownall, George H., on use of checks, 200

Precious metals, and central banks,

205, 210, 245

Provincial clearings, area, 46; items, 47; procedure, 46 et seq.; 46; settlement, 46-7; valuable trade index. 47

Pyramiding reserves, 131, 161, 207; "float," the which see

Rates of Sterling exchange, fixed by, 112 Rediscounting, 144, 170

Regional clearing houses, 186%. Regulation J. Series, 1916, 1374; 1924 and 1928, 136n.; 1930, 138 Remittance, see Par collections, at par, 138, 152 et seq.; cost of, 177; exchange charges legalized, 157-

9; opposition, 154

Reserves, against notes and deposits, 142, 165-6, 169, 263; and clearing balances, 263; and central banks, 206-12, 267-70; and discount rate, 211; availability, 162; bearing on collections, 162; concentration of, 163, 206-7; decentralization of, 131, 161, 209, 239; "earmarked," 211, 247, 251; essential to clearings, 163, 198, 233-4, 263; functions, 164-172; gold, 164-6; how maintained, 137, 168, 170; importance of, 212; inadequacy, 221; legal requirements: of central banks, 213-15, 216-20, 263—under Na-tional Bank Act, 161—under Federal Reserve Act, 166, 216; means of protection, 167; membership and effect on, 171; of B. I. S., 245; penalties for violation, 168, 229-233; pyramiding of, 131, 137, 207, *see* "float"; ratio of central banks, 222-4, "rums," 165; transit items as, 168; where carried, 135, 161-2

Reserve city banks: definition. 161m.; practices, 162; reserve re-

quirements, 161, 166, 216

Reichsbank, and gold exchange basis, 211; accounts with: by banks, 58-by Postal Check System, 94-for settlements, 258-carried with Postal System, 59; branches of, 74; changes of, 201; collections, 74, 93-94—charges, 75—foreign and domestic, 74—items, 74—statistics, 76; cooperation with Postal System, 59, 94; customers, 93; giro, 57-64, 94, which see; legal reserves, 218; penalties for violation, 232; return to gold standard, 221; services for non-clearing banks, 82-3; supervises clearing houses, 78, 81, 95, 237-8, 252, 254-8; uses check and giro, 52, 257

Richmond case, 153, 158 Routing of checks, 130, 131, 135

Royal Bank of Canada, 108, 112, 118
Royal Bank of Scotland, 21, 41
Royal Trust Co., 106-7, 118, 254
"Runs," 165
Russia, and bank note issues, 200;
see State Bank of

S

Francisco, San settlement οf balances, 188 Savings banks, German, 52-clearing, 91-collections charges, 92-Deutsche Girozentrale-Deutsche Kommunalbank, 91-2 — Deutsche Giro-Zentralverband. 00—fiscal Giro-Zentralverband, 90—fiscal agents, 90-giro and clearing associations, 90-ownership, 90 Scheckaustauschstelle, 52, clearings are local, 96; deferred availability, 57, 84; origin, 84; procedure, 84, 95; statistics, 85 Scotland, see Bank of, agency transactions, 43; collections: items payable in, 41-procedure, 41 et seq.—schedule, 33—settlement days, 42—settling banks, 41 Seattle, settlement of balances, 189 Second Bank of United States, and note circulation, 206 Securities, clearing of, 260 Sedalia, country clearings, 183 Serbia, see National Bank of Settlements, and central banks gold, 250; international, 239 et seq.; International Financial Conference, 242; Scandinavian system. 241; Universal Postal Union, 242 Settling banks: Australia, 212, 237; B. I. S., 243 et seq.; Canada, 103, 108, 118; England, 35; Ireland, 39-40; Scotland, 41; United States, 142, 186, 189, 263-4, 273 Silver, as reserves, 219; world production, 12 Snyder, Carl, and bank deposits, 14 South African Reserve Bank, legal reserves, 218; penalties for violation, 233; reserves of commercial banks, 234; return to gold standard, 221 Spain, see Bank of Specie payment suspended, 221 Spokane, settlement of balances, 189 Stabilization of currency, 201, 221;

central banks, 220-4; France, 211
State Bank of Russia, legal reserves, 218; operates clearing offices, 237, 252
State banks, cannot qualify for Reserve System, 150; number in System, 149; remitting at par, 152
Stock Clearing Corporation, 48
Sweden, see Bank of
Swiss National Bank, legal reserves, 218; return to gold standard, 221

T

Telegraphic transfers, giro, 59; which see; United States, 145 et seq.; bought and sold at par, 173; for whom, 146; items, 146; to restore balances, 170; volume, 147

Till money: definition, 212
Time deposits, reserve requirements, 166, 216
Tippets, Charles S., and reserves,

Toronto Clearing House, 113; first clearing, 113; forms used, 114 et seq.; members, 113; procedure, 113 et seq.; second clearing, 119

Town Clearings, 24; branch clearings, 28; classification, 25; head-office, 27 et seq.; items, 29, 30; procedure, 26 et seq.; settlement, 35; time required, 28-9; time schedule, 25

Transfer drafts, 140

Transfer of funds, by check and giro, 52, 92; by German savings Young Plan, on B. I. S., 243 et Canada, 127-28; choice of check and giro, 92; Germany, telegraphic, 59; United States: free, 175; telegraphic, 145; see Gold Settlement Fund and Telegraphic Transfers

Transit items: definition, 181m.; carried as reserves, 168

U

Universal Postal System, 242 United States, clearings, see Clearings, Clearing Houses and Clearing House Settlement; free banking system, 98; reserves, 263-4, see Reserves; use of checks, 13 Oberweisung, 53, 57, 71, 73

293

Valuta, 217

W

Wales, 42
Walks clerks, 22
Walks collections, items, 45; London and New York compared, 44; nature of, 44, settlement, 45

Whitsitt, Darwin, on gold, 209 Wilson, President, 148

Y

Young, Owen D., and reparation, 243 et seq.

Young Plan, on B. I. S., 243 et seq.; on reparations, 243

VITA

THATCHER C. JONES, A.M., M.C.S., born in Lehi, Arizona, September 29, 1888; received B.C.S., N. Y. U., 1916; M.C.S., N. Y. U., 1917; Sc.B., N. Y. U., 1922; A.M., Columbia, 1924; attended Seminar of Professors Seligman, Mitchell, Seager and Simkhovitch, also that of Professor Willis; head of the Department of Business Education, Brigham Young University, 1919-1921; instructor in Banking and Finance, New York University, 1921-1926; Assistant Professor of Finance, 1926 to date; economist and investment advisor to the New York Stock Exchange firm of Brandenburg & Co., 1927-1930.

295

