

137. "The Oldfield Hearings of 1912 brought out the fact that only 1% of the inventors whose names are reported in the Pat. Office are financially successful". Rice, N 142, p. 386.

138. *Distribution of Pats. Issued to Corporations (1939-55)*, Study No. 3 of the present series, by P. J. Federico, 34 pp., p. 12 and 2. Repub. in *JPOS* 39:405-53. The 1955 figure is for pats. to Americans only; foreign corps. rec'd 4.3% of all Amer. pats.

U.S. Temp. Nat. Ec. Com'ee: *Hearings, Pt. 3, Pats, Proposals for Changes in Law & Procedure*, pp. 835-1148 with good stat., Jan. 1939. P. 1127 for ¶ 118.

141. From interesting graphs measuring various traits of pats. in Pat. Office Ann. Rept. for 1954; in *JPOS* 36:772; or in *Amer. Pat. Sys.: Hearings* before the Senate Subcom'ee, 1955, 361 pp., p. 194 etc.

142. Fenning's testimony is quoted by W. B. Rice: Decay of our Pat. Sys., *Brooklyn Law Rev.* 5:357-88, 1936, a highly critical article, pp. 382.3, from *Hearings* before the House Com'ee on Pats., 1935, on H.R. 4523, 74th Cong., 1st sess., p. 658.

144. Sanders, B. S.: American Inventiveness vs. Foreign Inventiveness; *PTCJRE* 5:114-29, 1961, esp. tables II, IV, V.

145. Sanders *et al.* N 165, table 1.

146. Federico, P. J.: *Renewal Fees & Other Pat. Fees in Foreign Countries*; Study No. 17 of the pres. ser., 1958, 40 pp.; a shorter version had been pub. in *JPOS* 36:827-61, 1954. Dernburg, T. and N. Gharrity: A Stat. Analysis of Pat. Renewal Data for 3 countries; followed by Comment of B. S. Sanders; *PTCJRE* 5:340-68, 1962; to be further examined by Sanders: The Upgrading of Patented Invs., with additional insights on their comrl. use here and abroad, in a forthcoming issue of *PTCJRE*, 1963 or later.

147. U.S. reissue pat. 18,122, in 1931. His invs. are described in Gilfillan: *Inventing the Ship*, a study of the invs. made in her hist. between floating log and rotorship, (a self-contained but companion vol. to his *Sociology of Inv.* N 49; Chicago 1935, 294 pp. 80 pls. Pp. 211-30.

148. Stedman, Jn. C.: The Merger Statute: Sleeping Giant or Sleeping Beauty? 52 *NW. U. Law Rev.* 567-617; 605 cited.

TNEC *Hearings, Pt. 3*, N 138, p. 893ff.

149. *Corporate Director* 6:No.16, 1957.

150. *Sci. & Engg. in Am. Indus.*, N 85, p. 15.

151. Kettering, C. F. in TNEC *Hearings*, N 38.

153. Jewett, F. B., in *Hearings*, pt. 2, N 299, p. 974; quoted in Frost, N 221, p. 17, his note 55.

154. Adelman, M. A.: The Measurement of Indus. Concentration; *Rev. of Ec. & Stat.* 33:269-96, 1951.

Nutter, G. W.: *The Extent of Enterprise Monopoly in the U.S., 1889-1939*, 1951, 169 pp.

Stigler, G. J.: *Five Lectures on Econ. Problems*, 1949, lecture 2: Monopolistic Competition in Retrospect. See also N 427.

155. Gilfillan: *Sociol. of Inv.*, 1st ed., N 49, pp. 101-19.

156. Stafford, Alf. B.: Is the Rate of Inv. Declining? (N 38), p. 540; U.S. data from pat. applications; and the foreign countries from Stafford: Trends of Inv. in Material Culture, a stat. study of the classwise distribution of inventive effort in the U.S., as determined by pats. granted during 1916-45. U. of Chicago dis., unpub., 1950 617 pp. A great compendium of information and stat. reasoning, partly pub. in his other writings, e.g., his Recent Tec. Trends in Relation to Man, *JPOS* 34:292-9, 1952. The internat. stat. are from his Trends of Inv., p. 163.

158. See our disc. of Govt. patenting in ¶ 127ff; and Forman N 208, p. 402. Total outstanding pats. in 1954 were 597,233.

159. Sagendorf, K.: Uncle Sam's Billion Dollar Pat. Pool; *Coronet* 40: 138-40, July 1956.

160. Palmer, A. M.: *Pats. and Nonprofit Research*, Study No. 6 of the present series, 1957, 66 pp., p. 42. Cf. our ¶ 445.

161. Est. from data supplied by Marcus A. Hollabaugh, for the end of 1956.

163. R. F. Carr has made a similar statistical study, but by methods that seem unreliable. Cf. N 100 and FfN 220.

164. Markham *et al.*, N 38, have a study without stat.

165. Sanders, B. S., J. Rossman and L. J. Harris: Attitudes of Assignees toward Patented Inventions; *PTCJRE* 2:463-505, 1958. Page 472 and tables 14 and 17.

166. ———: The Economic Impact of Patents; *PTCJRE* 2: 340-62, 1958. Cf. also: *Patents & the Corp.*, N 127.