

TOP 100 CORPORATIONS RECEIVING PATENTS IN 1984

| Rank | Company | No. Patents | Rank | Company | No. Patents |
|------|--|-------------|------|--|-------------|
| 1. | General Electric Co. | 785 | 55. | Honeywell, Inc. | 131 |
| 2. | IBM Corp. | 608 | 56. | Atlantic Richfield Co. | 126 |
| 3. | Hitachi, Ltd. | 596 | 57. | Eaton Corp. | 126 |
| 4. | Toshiba Co., Ltd. | 539 | 58. | Nippon Electric Co., Ltd. | 123 |
| 5. | U.S. Philips Corp. | 438 | | Ricoh Co., Ltd. | 123 |
| 6. | Canon K.K. | 430 | 60. | Thomson - CSF | 116 |
| 7. | RCA Corp. | 430 | 61. | Deere and Co. | 115 |
| 8. | Siemens A.G. | 404 | | Imperial Chemical Industries PLC | 115 |
| 9. | Mobil Oil Corp. | 373 | 63. | Goodyear Tire and Rubber Co. | 113 |
| 10. | Nissan Motor Co., Ltd. | 372 | | Singer Co. | 113 |
| 11. | Bayer A.G. | 363 | 65. | Burroughs Corp. | 112 |
| 12. | A T & T Bell Laboratories | 354 | | Olin Corp. | 112 |
| 13. | E.I. du Pont de Nemours and Co. | 348 | 67. | American Cyanamid Co. | 111 |
| 14. | Westinghouse Electric Corp. | 347 | | Sharp K.K. | 111 |
| 15. | Dow Chemical Co. | 328 | | Victor Company of Japan, Ltd. | 111 |
| 16. | General Motors Corp. | 323 | 70. | GTE Products Corp. | 110 |
| 17. | Robert Bosch GmbH | 294 | 71. | Upjohn Co. | 107 |
| 18. | Ciba-Geigy Corp. | 290 | 72. | Hughes Aircraft Co. | 105 |
| 19. | Mitsubishi Denki K.K. | 284 | 73. | ITT Corp. | 102 |
| 20. | Phillips Petroleum Co. | 279 | 74. | Aisin Chemical Co., Ltd. | 101 |
| 21. | Fuji Photo Film Co., Ltd. | 278 | | Polaroid Corp. | 101 |
| 22. | BASF A.G. | 260 | 76. | Procter and Gamble Co. | 100 |
| 23. | Exxon Research and Engineering Co. | 256 | 77. | FMC Corp. | 99 |
| 24. | Eastman Kodak Co. | 255 | | Halliburton Co. | 99 |
| 25. | Toyota Jidosha K.K. | 239 | 79. | Nippon Soken, Inc. | 96 |
| 26. | Union Carbide Corp. | 231 | 80. | International Flavors and Fragrances, Inc. | 95 |
| 27. | Matsushita Electric Industrial Co., Ltd. | 227 | | Stauffer Chemical Co. | 95 |
| 28. | Motorola, Inc. | 225 | 82. | Celanese Corp. | 94 |
| 29. | Hoechst A.G. | 223 | 83. | Fuji Xerox Co., Ltd. | 93 |
| 30. | Sony Corp. | 204 | 84. | Sumitomo Chemical Co., Ltd. | 90 |
| 31. | Rockwell International Corp. | 196 | 85. | Minolta Camera Co., Ltd. | 89 |
| | Texaco, Inc. | 196 | | Pfizer, Inc. | 89 |
| 33. | Olympus Optical Co., Ltd. | 195 | 87. | B.F. Goodrich Co. | 88 |
| 34. | JM Co. | 193 | | Nippon Kogaku K.K. | 88 |
| 35. | Honda Motor Co., Ltd. | 192 | 89. | ITT Industries, Inc. | 87 |
| 36. | Shell Oil Co. | 181 | 90. | Standard Oil Co. (Ohio) | 83 |
| 37. | Xerox Corp. | 180 | 91. | Corning Glass Works | 82 |
| 38. | Fujitsu Ltd. | 179 | | Northern Telecom Ltd. | 82 |
| 39. | United Technologies Corp. | 175 | 93. | Eli Lilly and Co. | 80 |
| 40. | Texas Instruments, Inc. | 169 | 94. | Raytheon Co. | 79 |
| 41. | Sperry Corp. | 167 | 95. | A T & T Technologies, Inc. | 78 |
| 42. | Allied Corp. | 164 | | Daimler Benz A.G. | 78 |
| 43. | Ford Motor Co. | 157 | | Hoffman-La Roche Inc. | 78 |
| 44. | Nippondenso Co., Ltd. | 155 | 98. | Colgate-Palmolive Co. | 76 |
| 45. | Konishiroku Photo Industry Co., Ltd. | 146 | | Combustion Engineering, Inc. | 76 |
| 46. | Bendix Corp. | 143 | | Ethyl Corp. | 76 |
| 47. | AMP, Inc. | 142 | | | |
| 48. | Boeing Co. | 141 | | | |
| 49. | Chevron Research Co. | 140 | | | |
| 50. | Monsanto Co. | 138 | | | |
| 51. | PPG Industries, Inc. | 137 | | | |
| 52. | Merek and Co., Inc. | 135 | | | |
| 53. | Standard Oil Co. (Indiana) | 132 | | | |
| | UOP, Inc. | 132 | | | |

NOTE: IPO compiled this list from data provided by the U.S. Patent and Trademark Office. The numbers reflect patents issued during calendar year 1984 for which an assignment of title was recorded in the Office by the date on which the patent was issued. Patents issued in the names of subsidiaries, other related companies, or divisions of a company have not been combined with patents issued in the name of the parent company.

SECOND 100 ORGANIZATIONS RECEIVING MOST PATENTS IN 1984

Last month IPO published the first 100 companies receiving the largest numbers of patents in the United States in 1984. The following is a list of the second 100 organizations receiving the largest number of patents.

| Rank | Company | No. Patents |
|------|---------------------------------------|-------------|
| 101. | Owens Corning Fiberglas Corp. | 76 |
| 102. | Asahi Kasei Kogyo K.K. | 73 |
| 103. | Lever Brothers Co. | 70 |
| 104. | National Research Development Corp. | 69 |
| 105. | Conoco, Inc. | 68 |
| 106. | Pioneer Electronic Corp. | 66 |
| 107. | Baxter Travenol Laboratories, Inc. | 65 |
| 108. | Dresser Industries, Inc. | 63 |
| | Hewlett-Packard Co. | 63 |
| | Rolls-Royce Ltd. | 63 |
| 111. | GTE Laboratories, Inc. | 62 |
| 112. | Commissariat A L'Energie Atomique | 61 |
| | Owens-Illinois Inc. | 61 |
| 114. | AGFA-Gevaert, A.G. | 60 |
| | Air Products and Chemicals, Inc. | 60 |
| 116. | Honeywell Information Systems Inc. | 58 |
| 117. | GTE Automatic Electric Inc. | 57 |
| | NCR Corp. | 57 |
| | Nippon Steel Corp. | 57 |
| | W. R. Grace & Co. | 57 |
| | Yoshida Kogyo K.K. | 57 |
| 122. | BBC Brown, Boveri & Co., Ltd. | 56 |
| | Sandoz, Ltd. | 56 |
| 124. | Ashland Oil, Inc. | 55 |
| | Nippon Gakki Seizo K.K. | 55 |
| 126. | Allis-Chalmers Corp. | 54 |
| | Alps Electric Co., Ltd. | 54 |
| | Babcock & Wilcox Co. | 54 |
| | Caterpillar Tractor Co. | 54 |
| | International Standard Electric Corp. | 54 |
| 131. | Citizen Watch Co., Ltd. | 53 |
| | E. R. Squibb & Sons, Inc. | 53 |
| | Union Oil Co. of California | 53 |
| 134. | Aluminum Co. of America | 52 |
| | Dow Corning Corp. | 52 |
| | Henkel K.G.A.A. | 52 |
| 137. | BASF Wyandotte Corp. | 51 |
| | Lucas Industries Ltd. | 51 |
| | Takeda Chemical Industries Ltd. | 51 |
| 140. | Degussa A.G. | 50 |
| 141. | K.K. Komatsu Seisakusho | 49 |
| | Pitney-Bowes, Inc. | 49 |
| 143. | Fujisawa Pharmaceutical Co., Ltd. | 48 |
| | Hughes Tool Co. | 48 |
| | Mead Corp. | 48 |
| | Roussel-UCLAF | 48 |
| | Warner-Lambert Co. | 48 |
| 148. | Carrier Corp. | 47 |
| | General Foods Corp. | 47 |
| | General Signal Corp. | 47 |
| | Massachusetts Institute of Technology | 47 |
| | Raychem Corp. | 47 |
| | TRW Inc. | 47 |

| Rank | Company | No. Patents |
|------|---|-------------|
| 154. | Borg-Warner Corp. | 46 |
| | Firestone Tire & Rubber Co. | 46 |
| | Toray Industries Inc. | 46 |
| 157. | Asahi Kogaku Kogyo K.K. | 45 |
| | Chemische Werke Huls A.G. | 45 |
| | Clarion Co., Ltd. | 45 |
| | Dynamit Nobel A.G. | 45 |
| | Fuji Jokogyo K.K. | 45 |
| | Garrett Corp. | 45 |
| | The Regents of University of California | 45 |
| 164. | Asea A.B. | 44 |
| | Fairchild Camera and Instrument Corp. | 44 |
| | Fujitsu Fanuc Ltd. | 44 |
| | Harris Corp. | 44 |
| | Kanegafuchi Chemical Industry Co., Ltd. | 44 |
| | Klockner-Humboldt-Deutz A.G. | 44 |
| | Kureah Kagaku Kogyo K.K. | 44 |
| | Mitsubishi Jukogyo K.K. | 44 |
| | Schering A.G. | 44 |
| 173. | Dayco Corp. | 43 |
| | Emerson Electric Co. | 43 |
| | Pennwalt Corp. | 43 |
| | Licentia Patent-Verwaltungs-GmbH | 43 |
| 177. | Bridgestone Tire Co., Ltd. | 42 |
| | Champion International Corp. | 42 |
| | Institut Francais Du Petrole | 42 |
| | Kobe Steel Ltd. | 42 |
| 181. | Deckman Instruments, Inc. | 41 |
| | Messerschmitt-Bolkow-Blohm GmbH | 41 |
| | National Semiconductor Corp. | 41 |
| | Western Electric Co., Inc. | 41 |
| 185. | Black & Decker Ltd. | 40 |
| | Data General Corp. | 40 |
| | Emhart Industries, Inc. | 40 |
| | Peckin-Elmer Corp. | 40 |
| 189. | Brunswick Corp. | 39 |
| | Hercules Inc. | 39 |
| | L'Oreal S.A. | 39 |
| | SKF Kugellagerfabriken GmbH | 39 |
| | Toyo-Kogyo Co., Ltd. | 39 |
| | USM Corp. | 39 |
| | Varian Associates, Inc. | 39 |
| | Yamaha Motor Co. Ltd. | 39 |
| 197. | American Hospital Supply Corp. | 38 |
| | Ampex Corp. | 38 |
| | Ethicon, Inc. | 38 |
| | Inoue-Japax Research Inc. | 38 |

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