

INDEX—THE PATENT SYSTEM: I

- ABUSE OF PATENT RIGHTS, 771, 803.
 ADMINISTRATIVE HANDLING OF PATENT CASES, 659.
 ALIEN PROPERTY, 711, 741.
 ANTI-TRUST LAWS, 788, 802, 803, 806.
 ATOMIC ENERGY (see PATENTS AND ATOMIC ENERGY)
 AUTHOR'S CERTIFICATES, 785.
 CANCELLATION OF PATENTS, 658.
 CARTELS, 777.
 COMPETITION, 650, 669, 673, 674, 675, 676, 678, 771.
 COMPULSORY LICENSING, 662, 668, 757, 758, 759, 773, 793, 805, 806.
 COMPULSORY WORKING, 774.
 CONCENTRATION OF TECHNOLOGY, 675.
 CONTRACTORS (see CONTROL OF PATENT RIGHTS RESULTING FROM FEDERAL RESEARCH; UNIVERSITY RESEARCH)
 CONTROL OF PATENT RIGHTS RESULTING FROM FEDERAL RESEARCH
 extent of federal research, 714; the government as patent owner, 715; inventions of federal employees: legal principles, 716; current practices, 722; policy considerations, 725; objections to government ownership, 728; objections to leaving patent rights to employees, 730; inventions of government contractors: legal principles, 734; current practices, 735; policy considerations, 736; arguments supporting government ownership, 736; arguments in favor of retention of right by contractors, 739; conclusion, 745. See also 690, 785.
 CONVENTION FOR THE PROTECTION OF INDUSTRIAL PROPERTY (see INTERNATIONAL PATENT CONVENTION)
 COUNTER-INDEMNITY (see PATENT COSTS OF MILITARY PROCUREMENT)
 CROSS-LICENSING, 675.
 "DEFENSIVE" PATENT APPLICATIONS, 800.
 DELAY IN THE ISSUANCE OF PATENTS, 672.
 DEVELOPMENT OF INVENTIONS, 666, 668, 677, 678, 689, 693, 740, 754, 797.
 DISCLOSURE OF INVENTION, 651, 656, 667.
 ENGINEERING FEES, 709.
 EXCESSIVE ROYALTIES, 703, 708, 709.
 EXPERIMENTAL USE, 753.
 FEDERAL EMPLOYEES (see CONTROL OF PATENT RIGHTS RESULTING FROM FEDERAL RESEARCH)
 "FLASH OF GENIUS," 665, 666.
 FOREIGN POLICY (see NATIONALIZATION AND INTERNATIONAL PATENT RELATIONS)
- FOREWORD, 645.
 GOVERNMENT EMPLOYEES (see CONTROL OF PATENT RIGHTS RESULTING FROM FEDERAL RESEARCH)
 GOVERNMENT PATENTS (see CONTROL OF PATENT RIGHTS RESULTING FROM FEDERAL RESEARCH)
 IMPORTATION OF PATENTED GOODS, 772, 769.
 IMPROVEMENT PATENTS, 674.
 INCENTIVE THEORY, 661, 666, 668, 669, 670, 677, 678, 679.
 INDEMNITY PROVISIONS (see PATENT COSTS OF MILITARY PROCUREMENT)
 INDUSTRIAL RESEARCH LABORATORIES, 690.
 INFRINGEMENT
 liability of government for, 696; liability of government suppliers, 696; remedies, 651, 668, 802; accounting, 651; damages, 720, 651; injunction, 651, 668, 720. See also 720, 796, 804.
 INTERFERENCE PROCEDURE, 799, 800.
 INTERNATIONAL PATENT CONVENTION
 provisions, 765; background, 766; patents versus no-patents, 766; German attitude, 767; Vienna Conference, 768; American program, 769; patents as property rights and as instruments of policy, 770; compulsory working, 770, 774; importation of patented goods, 772; compulsory licensing, 773; transition from free trade to high tariffs, 776; German chemical industry, 776; patent cartels, 776; international patent pools, 779. See also 791.
 INTERNATIONAL PATENT RELATIONS (see NATIONALIZATION AND INTERNATIONAL PATENT RELATIONS; INTERNATIONAL PATENT CONVENTION)
 INVALID PATENTS (see VALIDITY)
 INVENTION, 657, 658, 665, 667, 671, 772, 798.
 INVENTION AND PUBLIC POLICY
 public interest and the Patent System, 649; advantages of Patent System, 652; the contract theory, 652; the reward theory, 652; disadvantages of Patent System, 654; performance of the contract, 656; adequacy of disclosure, 656; spurious patents, 657; patent litigation, 658; the reward, 661; the patent as incentive, 661; other incentives to invent and exploit, 662; small business, 662; period of the grant, 663; classes of patents, 663; scope of claims, 664; standards of invention, 664; "reward" concept, 666; stimulus theory, 666; "one-price" Patent System, 667; inflexibility, 668; petty patents, 668; narrowing of claims, 668; alternative inducements, 669; subsidies, 670; the real price, 671; abuses, 672; summary

- and conclusion, 677; factual investigations, 679.
- INVENTIONS RESULTING FROM GOVERNMENT RESEARCH**
(see CONTROL OF PATENT RIGHTS RESULTING FROM FEDERAL RESEARCH)
- JUDICIAL REVIEW**, 801, 802.
- LICENSES**
selective and restrictive, 676; exclusive, 740; federally owned patents, 715. See also 709, 789.
- LICENSES OF RIGHT**, 774.
- LITIGATION OF PATENT CASES**, 658, 660, 663, 802 (see also INFRINGEMENT)
- MEDICAL PATENTS**, 691, 756, 759.
- MONOPOLY**, 655, 672, 673, 674, 679, 797.
- NATIONALIZATION AND INTERNATIONAL PATENT RELATIONS**
rise and implications of socialism, 782; patents and socialized economies, 783; status of the patentee, 784; rewards for inventors in nationalized industries, 785; transfer of patent rights to nationalizing governments, 786; "national treatment" and "reciprocal treatment," 788; American policy, 789; pooling of foreign patents, 791; practices of American corporations, 792; effect of nationalization on existing patent rights, 794.
- NATURAL LAW**, 775.
- "NUISANCE" PATENTS**, 800.
- NON-USE**, 676, 770, 771, 783, 806.
- "ONE-PRICE" PATENT SYSTEM**, 677.
- OPPOSITION PROCEEDINGS**, 658.
- "PACKAGE LICENSING,"** 673.
- PATENT COSTS OF MILITARY PROCUREMENT**
experience prior to World War II, 695; procurement from unlicensed sources; remedies for infringement by government and government suppliers, 696; patent provisions in contracts, 697; indemnity and counter-indemnity, 697; security, 698; negotiated purchases, 698; renegotiation, 701; unchallenged infringement, 702; waiver of indemnity and blanket licenses, 702; adjustment of royalties: cases illustrative of wartime expansion of royalties, 703; Royalty Adjustment Act, 704; principles of administration, 705; standards for determining reasonable royalties, 705; negotiation, 705; interservice and interdepartmental procedure, 706; problems of administration, 707; engineering fees, 709; leases of patented machinery, 709; price-fixing provisions, 710; relation to contract renegotiation, 710; patents of enemy aliens, 711; actions taken, 712; savings in royalty costs, 712.
- PATENT MANAGEMENT**, 686, 688, 693.
- PATENT OFFICE**, 659, 677, 798.
- PATENT POOLS**, 675, 676.
- PATENT PROCEDURES**, 798.
- PATENTS AND ATOMIC ENERGY**
the Atomic Energy Act, 746; patent policy of the Manhattan District, 747; table showing patent provisions of Act, 749; devices used in produc-
- tion of fissionable material and military weapons: single-use devices, 750; multiple-use devices, 751; devices used in research, 752; non-production and non-military devices, 754; procedures for reporting production devices and military weapons, 757; compulsory licensing and royalties, 758; power to requisition and condemn patents, 759; compensation: eligibility, 760; standards for determining, 761; judicial review, 763; conclusion, 764. See also 679, 743, 805.
- PERIOD OF GRANT**, 677.
- PETTY PATENTS**, 668.
- PRICE-FIXING**, 676, 710.
- PROPOSED MODIFICATIONS IN THE PATENT SYSTEM**
general considerations, 796; patent procedures, 796; patents and the antitrust laws, 802; compulsory licensing, 805.
- REFORM PROPOSALS** (see PROPOSED MODIFICATIONS IN THE PATENT SYSTEM)
- REMEDIES FOR INFRINGEMENT** (see INFRINGEMENT)
- RENEGOTIATION**
royalties as allowable costs, 701. See also 710, 711, 713.
- RESEARCH**, 676, 677, 678, 679, 680, 683, 689, 714, 729, 754, 787. (see also CONTROL OF PATENT RIGHTS RESULTING FROM FEDERAL RESEARCH; UNIVERSITY RESEARCH)
- REWARD THEORY**, 679.
- ROYALTY ADJUSTMENT ACT**, 704, 709, 712, 713. See also PATENT COSTS OF MILITARY PROCUREMENT.
- SCIENTIFIC ADVISERS FOR COURTS**, 659.
- SCOPE OF PATENT RIGHTS**, 651, 667, 671, 804.
- SECRET PATENTS**, 747.
- "SHOP-RIGHTS,"** 717, 719, 723.
- SINGLE COURT OF PATENT APPEALS**, 659.
- SMALL BUSINESS**, 679.
- SOCIALISM** (see NATIONALIZATION AND INTERNATIONAL PATENT RELATIONS)
- SPONSORED RESEARCH** (see UNIVERSITY RESEARCH)
- SPURIOUS PATENTS** (see VALIDITY)
- STANDARDS OF INVENTION** (see INVENTION)
- SUBSIDIES**, 670, 671.
- TABLE SHOWING PATENT PROVISIONS OF ATOMIC ENERGY ACT**, 749.
- TARIFFS**, 776, 786.
- TECHNOLOGICAL INFORMATION**, 658.
- TRADE ASSOCIATIONS**, 676.
- TRADE-MARKS**, 674.
- "TWENTY-YEAR BILL,"** 672, 799.
- TYING CLAUSES**, 672, 673.
- UNIVERSITY RESEARCH**
dedication of discoveries, 680; ethics of patenting, 681; objectives in obtaining patents, 681; research stimulated by government and industry, 683; prevailing policies, procedures and practices, 684; diversity of practice, 684; patent provisions in contracts of employment, 685; assignment of patent rights, 686; administration and patent

management, 686; publication of results of investigation, 686; sponsored research, 686; discoveries within the inventor's field of employment, 687; contributions in institutional time, money or facilities, 688; student research, 688; research financed by institutions, 688; assignment of title to inventions, 689; costs of obtaining

patents, 689; discoveries affecting health, 689; medical discoveries, 691; personal gain and public interest, 692; patent management problems, 693. See also 662, 742.

VALIDITY, 657, 658, 659, 677, 707, 708, 801, 804.

WARTIME PATENT POLICIES (see PATENT COSTS OF MILITARY PROCUREMENT)

