

BOOKS RECEIVED

The books listed below have been received by *High Technology Law Journal* over the past year. The books are cataloged by subject and are listed alphabetically by title within each subject area. Each annotation begins with a citation to the book received, including publisher and price information. All prices are for cloth editions except where noted.

I. COMPUTER & ELECTRONICS LAW

A. Computer Technology and Law

COMPUTER APPLICATIONS IN THE LAW by Peter B. Maggs and James A. Sprowl. St. Paul, Minnesota: West Publishing Company, 1987. Pp. xxix, 316; \$28.95, \$19.95 (disk).

This book, part of West Publishing Company's Basic Legal Text Nutshell Series, introduces law students and lawyers to the use of computers in a law practice and provides a good hands-on presentation of law office computer possibilities. No prior reader knowledge of computers is assumed by the authors. Initially, a sociological backdrop to the use of computers in the law is presented, and then the text proceeds on a chapter by chapter exploration of a variety of applications for computers in the law such as word processing, document management, legal research, programming, communications, and accounting. The book contains IBM compatible software which can be used in conjunction with the text to gain practical experience. The detailed appendix walks the reader through the LawWord, LawSpread, LawComm, and PCMail programs. In addition, this book contains a glossary of computer related terms.

THE MICROELECTRONICS RACE: THE IMPACT OF GOVERNMENT POLICY ON INTERNATIONAL COMPETITION by Thomas R. Howell, William A. Noellert, Janet H. MacLaughlin, and Alan Wm. Wolff. Boulder: Westview Press, Inc., 1988. Pp. xxi, 278; \$ 27.50 (paper).

As part of the publisher's Economic Competition Among Nations Series, THE MICROELECTRONICS RACE analyzes the effect of government policies on the international competitiveness of their domestic microelectronics companies. Initially, the study examines and compares the government policies of Japan and the United States and the effect such policies have had on the relative international competitiveness of each country's microelectronics industry. In later sections the authors explore current efforts in Korea and Europe to implement comparable measures, and conclude with an analysis of U.S. policy alternatives.

B. Artificial Intelligence

AN ARTIFICIAL INTELLIGENCE APPROACH TO LEGAL REASONING by Anne von der Lieth Gardner. Cambridge, MA: The M.I.T. Press, 1987. Pp. xiii, 225; \$25.00.

This book discusses and analyzes the author's computer model of the legal reasoning process. Initially, the author explores several aspects of the legal reasoning process, and then suggests a framework which attempts to capture this process. Finally, the author compares the resulting framework with those used by other legal analysis programs in addition to exploring current artificial intelligence techniques.

MICROCOMPUTERS AS DECISION AIDS IN LAW PRACTICE by Stuart S. Nagel. New York: Quorum Books, 1987. Pp. xxvi, 358; \$45.00.

This book explores potential uses of a personal computer as a component of legal decision making. After an informational section discussing general microcomputer materials and currently available decision-aiding software, the author focuses on the use of personal computers in judicial prediction, litigation choices, allocation of law firm resources, and negotiation and mediation.

C. Legal User's Guides

HOW TO COPYRIGHT SOFTWARE: EVERYTHING YOU NEED TO COPYRIGHT ALL TYPES OF COMPUTER PROGRAMS AND OUTPUT by M. J. Salone. Berkeley: Nolo Press, Second Edition, 1987. Pp. 223; \$24.95 (paper).

This manual, written primarily for programmers and software developers, explores copyright in layman's terms. After an initial introduction to copyright law, the manual concentrates on the practical steps necessary for securing copyright protection for software and other computer output. The final chapters explore various remedies for copyright infringement, the implications of international copyright laws and additional legal protections applicable to software. Several sample completed copyright forms are included in the appendix.

LEGAL CARE FOR YOUR SOFTWARE: A STEP-BY-STEP GUIDE FOR COMPUTER SOFTWARE WRITERS AND PUBLISHERS by Daniel Remer & Stephen Elias. Berkeley: Nolo Press, Third Edition, 1987. Pp. 352; \$29.95 (paper).

This "self help" law manual presents an overview of legal concerns facing software developers and publishers including intellectual property rights (copyright, trade secret, patent, and trademark protections), contract negotiating and drafting, and other related issues. This third edition includes discussions of recent legal developments in these areas. As in previous editions, a wealth of sample forms and contracts accompany the text. As the book is targeted toward a lay audience (primarily software developers) few references are made to statutes or other legal materials, therefore it is limited as a research tool. (A previous edition of this manual was annotated in 1 HIGH TECH. L.J. 595 (1987).

D. Tax Issues

ACCOUNTING AND TAX ASPECTS OF COMPUTER SOFTWARE MANUFACTURING by Robert W. McGee. New York: Praeger Publishers, 1987. Pp. viii, 155; \$35.95.

This book presents a comprehensive overview of the accounting and taxation issues which surround computer software. The book begins with a discussion of financial accounting issues and then proceeds to an exploration of federal and state tax aspects of computer software including discussions of investment tax credits, research credits, and sales, use, and property taxation.

II. BIOTECHNOLOGY

BIOTECHNOLOGY AND THE ENVIRONMENT: INTERNATIONAL REGULATION by Jeffrey N. Gibbs, Iver P. Cooper, and Bruce F. Mackler. New York: Stockton Press, 1987. Pp. 339. \$160.00.

This book discusses the current regulatory policies of twelve countries with respect to the environmental effects of the biotechnology industry. The first thirteen chapters provide an overview of the United States' regulatory scheme, including such topics as the division and coordination of regulation among federal agencies (EPA, USDA, NIH, and FDA), state and local regulations, and private control mechanisms in the form of environmental and product liability litigation. The next eleven chapters cover the regulation of the environmental aspects of biotechnology in the United Kingdom, Australia, Austria, Canada, Denmark, West Germany, France, Ireland, the Netherlands, New Zealand, and Switzerland. Finally, there is a brief discussion of attempts to regulate the biotechnology industry through international forums such as the European Economic Community and the Organisation for Economic Co-operation and Development.

BIOTECHNOLOGY: FEDERAL REGULATION 1986 edited by CCH Editorial Staff. Chicago: Commerce Clearing House, Inc., 1986. Pp 302; \$10.00 (paper).

This book brings together documents relating to the regulations governing biotechnology processes utilized by the food and pharmaceutical industries. Included are Policy Statements, NIH and FDA Guidelines, Points to Consider, and other miscellaneous related materials.

CLONING AND THE CONSTITUTION: AN INQUIRY INTO GOVERNMENTAL POLICYMAKING AND GENETIC EXPERIMENTATION by Ira H. Carmen. Madison: University of Wisconsin Press, 1985. \$22.50.

The author explores potential application of the First Amendment protection of "expression" to genetic engineering and the effect this relationship would have on government policymaking.

HUMAN EMBRYO RESEARCH: YES OR NO? by the Ciba Foundation. New York: Tavistock Publications, 1986. Pp. xv, 232; \$39.95.

This book records the comments of scientists, doctors, and jurists who attended the 1985 Ciba Foundation forum on human embryo research. Following an introductory exploration of the legal issues which surround this field, various scientific aspects of human embryo research are discussed in detail. In addition, religious attitudes and public opinion toward the use of human embryos in scientific research are examined.

INTELLECTUAL PROPERTY RIGHTS IN BIOTECHNOLOGY WORLDWIDE by Stephen A. Bent, Richard L. Schwaab, David G. Conlin, and Donald D. Jeffery. New York: Stockton Press, 1987. Pp. xx, 640; \$150.00.

This treatise aims to provide attorneys, business managers, and researchers with an understanding of the legal principles governing the protection of biotechnology property rights internationally. It begins with a discussion of the theoretical and historical development of biotechnology proprietary rights, followed by a summary of current patent protection for biological inventions in Europe, Japan, and the United States. Subsequent chapters analyze issues regarding biotechnology rights based on patents and trade secrets. The final chapters deal with the impact of existing treaties and regulatory schemes on biotechnology property rights worldwide and details of patent and trade secrecy protection in specific countries. This treatise proposes an internationally uniform analytical framework for protection of biotechnology inventions worldwide and imparts to practitioners valuable guidance for protecting a broad range of biological developments in thirty-seven countries.

III. TELECOMMUNICATIONS

A BIBLIOGRAPHY OF TELECOMMUNICATIONS AND SOCIO-ECONOMIC DEVELOPMENT by Heather E. Hudson. Boston: Artech House, Inc., 1988. Pp. xviii, 241; \$40.00 (paper), \$60.00 (disk).

This bibliography compiles a variety of resource materials which explore the relationship of telecommunications to economic and social development. Over 1100 entries are included which provide information regarding the author, title, publisher, or periodical, and limited key word references on each of the resources. Entries are organized only by author and no annotations of the works are provided. A disk version of the bibliography in dBase III is available from the publisher for use on IBM XT, AT, or compatible machines.

THE LAW AND REGULATION OF INTERNATIONAL SPACE COMMUNICATION by Rita Lauria White and Harold M. White, Jr. Boston: Artech House, Inc., 1988. Pp. xxviii, 309; \$60.00.

This comprehensive study traces the origin and development of the international regulation of space communication. Part I presents historical and technical background information on the regulation of

radio communication and geostationary satellite orbit, and the development of the International Telecommunications Union (ITU). Part II explores the current structure of the space communication law-making process of the ITU. Part III details various international space conferences from 1959 to 1985, and Part IV focuses on special space communication topics. In addition, the book provides a very useful glossary, bibliography, and index.

IV. SCIENCE AND THE LAW, AND OTHER ISSUES

ENERGY IN EUROPE: ISSUES AND POLICIES by Thomas G. Weyman-Jones. New York: Methuen & Co., 1986. Pp. xii, 176; \$55.00.

This book studies how the energy crises of the 1970s and 1980s affected the European community. The author examines the economic impact of oil price fluctuations on Europe and the resulting governmental energy policies including conservation efforts and oil pricing policies. In addition, the economic, political, and social impact of the development of nuclear power and other alternative energy sources are analyzed.

FORGING THE ATOMIC SHIELD: EXCERPTS FROM THE OFFICE DIARY OF GORDON E. DEAN edited by Roger M. Anders. Chapel Hill: University of North Carolina Press, 1987. Pp. xxxix, 309; \$27.95.

This book contains excerpts from the recently declassified office diary of Gordon E. Dean who served as chairman of the United States Energy Commission from 1950 - 1953. The diary is primarily comprised of notes taken from telephone conversations which provide a unique inside view of the early days of government policy-making in the field of atomic energy. It includes Dean's accounts of pressing issues before the commission including the development of the hydrogen bomb, the Korean War, the decision to conduct atmospheric tests in the United States, and the development and testing of the first thermonuclear device.

IDEAS IN THE WORKPLACE: PLANNING FOR PROTECTION by H. Clarke Anawalt. Durham, NC: Carolina Academic Press, 1988. Pp. vii, 154; \$17.95.

IDEAS IN THE WORKPLACE is an intellectual property primer for employers and employees which seeks to explain "which ideas are protectable and how protection is achieved." The author introduces the reader to the laws of patent, copyright, and trade secrets, and explores how these topics relate to employment law. The final chapter presents planning suggestions and sample contracts.

IF WE CAN KEEP A SEVERED HEAD ALIVE...: DISCORPORATION AND U.S. PATENT 4,666,425 by Chet Fleming. St. Louis: Polynym Press, 1988. Pp. xxxiv, 461, \$12.95.

Chet Fleming, a scientist/engineer and attorney explores the ethical, religious, and legal consequences of the application of U.S. Patent 4,666,425 "Device for Perfusing an Animal Head" to humans. After

