

1. Record Nr.	UNINA9910141417703321
Autore	Kennedy Joseph Paul <1928->
Titolo	How to invent and protect your invention : a guide to patents for scientists and engineers // Joseph P. Kennedy and Wayne H. Watkins
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2012
ISBN	9786613836236 9781283523783 1283523787 9781118410103 1118410106 9781118410097 1118410092 9781118410066 1118410068
Edizione	[1st edition]
Descrizione fisica	1 online resource (252 p.)
Altri autori (Persone)	WatkinsWayne H
Disciplina	346.7304 347.3604
Soggetti	Patent laws and legislation Inventions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	HOW TO INVENTAND PROTECTYOUR INVENTION; CONTENTS; PREFACE: HOWTHIS BOOK CAME TO BE AND FORWHOM IT IS WRITTEN; ACKNOWLEDGMENTS; ABBREVIATIONS; 1. THE U.S. PATENT SYSTEM; 1.1. What is a Patent?; 1.2. Why Should You File A Patent?; 2. ORIGINS OF U.S. PATENT LAW; 2.1. A Brief History of Patent Law; 2.2. The Fountainhead: The Constitution and the U.S. Patent System; 2.3. Are Patents a Monopoly?; 3. HOW TO INVENT: INTELLECTUAL ASPECTS OF INVENTING; 3.1. On the Definition of Creativity; 3.2. A Flaw in Patent Law; 3.3. Patentable Creativity; 3.4. Intellectual Requirements of Inventing 3.5. The Process and Product of Inventing3.6. Pioneering versus Mediocre Inventions: The Touch of the Expert; 3.7. The Importance of

Industrial Experience; 3.8. The Ultimate Goal: Innovation; 4. A SHORT SUMMARY OF INTELLECTUAL PROPERTY; 4.1. Patents; 4.2. Trade Secrets; 4.3. Copyrights; 4.4. Trademarks and Servicemarks; 4.5. Other Types of Intellectual Property; 5. REQUIREMENTS OF PATENTABILITY; 5.1. What is Patentable?; 5.2. Patentable and NonPatentable Subject Matter; 5.3. The Three Classes of Patents; 5.4. The First Law of Inventing; 5.4.1. Utility; 5.4.2. Novelty
5.4.2.1. The One-Year Rule; 5.4.2.2. Derivation Proceedings; 5.4.2.3. Anticipation; 5.4.3. Unobviousness; 5.4.3.1. Aggregates and Composites; 5.4.3.2. The Teaching-Suggestion-Motivation Test; 5.4.3.3. Secondary Factors Suggesting Unobviousness; 5.4.3.4. The Doctrine of Inherency; 5.4.3.5. Combination of References; 5.4.3.6. New Compounds by Purification; 5.4.3.7. Differences Between Novelty and Unobviousness; 5.4.3.8. Why We Need Unobviousness; 5.4.3.9. Summary of the Invention Content Law; 5.5. The Second Law of Inventing; 5.5.1. Conception; 5.5.2. Reduction to Practice; 5.5.3. The Prophetic Patent; 5.6. The Structure of the Patent Document; 5.6.1. The Cover Sheet; 5.6.2. Specification; 5.6.3. Claims; 6. HOW DOES THE PATENT PROCESS WORK?; 6.1. The Notebook; 6.2. The Provisional Patent Application; 6.3. The (Regular or Nonprovisional) Patent Application; 6.4. Prosecution: Convincing the Patent Examiner; 6.4.1. Starting the Prosecution Process; 6.4.2. The First Office Action; 6.4.3. Allowances and Rejections by the PTO; 6.4.4. The Duty of Candor; 6.5. Continuation, Continuation-in-Part, and Divisional Applications; 6.5.1. Continuation Applications; 6.5.1.1. Differences Between Priority Dates and Filing Dates; 6.5.1.2. Requirements for a Continuation Application; 6.5.2. Continuation-in-Part Applications; 6.5.3. Divisional Applications; 6.6. Allowance and Issuance; 6.7. Loss of Patent Rights; 6.8. Challenges and Changes to Issued Patents; 6.8.1. Post-Grant Review; 6.8.2. Inter Partes Review; 6.8.3. Reissue Application and Reissue Patents; 6.8.4. Supplemental Examination; 6.8.5. Summary of Post-Grant Proceedings; 6.9. Summary of Chapters 5 and 6; 7. INFRINGEMENT AND FREEDOM TO OPERATE; 7.1. The Parable of the Knife
7.1.1. The Story of Chlorobutyl Rubber

Sommario/riassunto

A straightforward guide to inventing, patenting, and technology commercialization for scientists and engineers Although chemists, physicists, biologists, polymer scientists, and engineers in industry are involved in potentially patentable work, they are often under-prepared for this all-important field. This book provides a clear, jargon-free, and comprehensive overview of the patenting process tailored specifically to the needs of scientists and engineers, including: Requirements for a patentable invention How to invent New laws created by President Obama's
