Jean Hoerni Encyclopedia Article

Jean Hoerni

The following sections of this BookRags Literature Study Guide is offprint from Gale's For Students Series: Presenting Analysis, Context, and Criticism on Commonly Studied Works: Introduction, Author Biography, Plot Summary, Characters, Themes, Style, Historical Context, Critical Overview, Criticism and Critical Essays, Media Adaptations, Topics for Further Study, Compare & Contrast, What Do I Read Next?, For Further Study, and Sources.

(c)1998-2002; (c)2002 by Gale. Gale is an imprint of The Gale Group, Inc., a division of Thomson Learning, Inc. Gale and Design and Thomson Learning are trademarks used herein under license.

The following sections, if they exist, are offprint from Beacham's Encyclopedia of Popular Fiction: "Social Concerns", "Thematic Overview", "Techniques", "Literary Precedents", "Key Questions", "Related Titles", "Adaptations", "Related Web Sites". (c)1994-2005, by Walton Beacham.

The following sections, if they exist, are offprint from Beacham's Guide to Literature for Young Adults: "About the Author", "Overview", "Setting", "Literary Qualities", "Social Sensitivity", "Topics for Discussion", "Ideas for Reports and Papers". (c)1994-2005, by Walton Beacham.

All other sections in this Literature Study Guide are owned and copyrighted by BookRags, Inc.

Contents

Jean Hoerni Encyclopedia Article.....1

Contents.....2

Jean Hoerni.....3

Jean Hoerni

1924-1997

Swiss-American physicist who invented the planar process, which led to the first integrated circuit. The Swiss-born Hoerni completed doctorates at Cambridge University and the University of Geneva before immigrating to the United States in 1952. In the early 1950s, while working at the California Institute of Technology, Hoerni was recruited by Nobel laureate William Shockley to join his new Shockley Transistor Laboratories. Hoerni and several of his colleagues soon formed a new company to develop their own integrated circuit. His planar process, which fused a layer of silicon dioxide onto a chip before applying the conducting metal circuitry, helped give his Fairchild Semiconductor company the leading edge in the semiconductor industry.