

Genius The Most Astonishing Inventions Of All Time

One of science's great unsung heroes, Nikola Tesla (1856-1943) was a prophet of the electronic age. His research laid much of the groundwork for modern electrical and communication systems, and his impressive accomplishments include development of the alternating-current electrical system, radio, the Tesla coil transformer, wireless transmission, and fluorescent lighting. Yet his name and work are only dimly recognized today: Tesla's research was so groundbreaking that many of his contemporaries failed to understand it, and other scientists are unjustly credited for his innovations. The visionary scientist speaks for himself in this volume, originally published in 1919 as a six-part series in *Electrical Experimenter* magazine. Tesla recounts his boyhood in Croatia, his schooling and work in Europe, his collaboration with Thomas Edison, and his subsequent research. This edition includes the essay "The Problem of Increasing Human Energy: With Special Reference to the Harnessing of the Sun's Energy," which anticipates latter-day advances in environmental technology. Written with wit and panache, this memoir offers fascinating insights into one of the great minds of modern science.

Calling All Tinkerers, Experimenters & Inventors! Unleash Your Creative Powers with Exciting LEGO® Innovations Use science and engineering to transform your bin of LEGO® bricks into amazing, movable toys, machines and gadgets. Bestselling author Sarah Dees is back with an all-new collection of projects featuring ingenious designs and simple scientific principles that real engineers use every day. Make yourself a robot pal whose legs move as he rolls along, or a drummer who really plays the drums. Build a wind-up car complete with a flywheel that'll send your minifigures zooming. Or challenge your friends to a game of pinball on a LEGO® pinball machine you built from scratch. Each project is cooler than the next! It's easy and fun to build each of these awesome contraptions and games by following the clear step-by-step instructions and photographs. Think you have a different way to build something? Exercise your inventing muscles and tinker away! You're in charge of your designs, so experiment and tweak to make your inventions personal to you. No matter what you end up creating, you'll learn exciting new things about science, impress your family and have a blast along the way.

NEW YORK TIMES BESTSELLER • From Pulitzer Prize-winning author Edmund Morris comes a revelatory new biography of Thomas Alva Edison, the most prolific genius in American history. NAMED ONE OF THE BEST BOOKS OF THE YEAR BY Time • Publishers Weekly • Kirkus Reviews Although Thomas Alva Edison was the most famous American of his time, and remains an international name today, he is mostly remembered only for the gift of universal electric light. His invention of the first practical incandescent lamp 140 years ago so dazzled the world—already reeling from his invention of the phonograph and dozens of other revolutionary devices—that it cast a shadow over his later achievements. In all, this near-deaf genius ("I haven't heard a bird sing since I was twelve years old") patented 1,093 inventions, not including others, such as the X-ray fluoroscope, that he left unlicensed for the benefit of medicine. One of the achievements of this staggering new biography, the first major life of Edison in more than twenty years, is that it portrays the unknown Edison—the philosopher, the futurist, the chemist, the botanist, the wartime defense adviser, the founder of nearly 250 companies—as fully as it deconstructs the Edison of mythological memory. Edmund Morris, winner of the Pulitzer Prize and the National Book Award, brings to the task all the interpretive acuity and literary elegance that distinguished his previous biographies of Theodore Roosevelt, Ronald Reagan, and Ludwig van Beethoven. A trained musician, Morris is especially well equipped to recount Edison's fifty-year obsession with recording technology and his pioneering advances in the synchronization of movies and sound. Morris sweeps aside conspiratorial theories positing an enmity between Edison and Nikola Tesla and presents proof of their mutually admiring, if wary, relationship. Enlightened by seven years of research among the five million pages of original documents preserved in Edison's huge laboratory at West Orange, New Jersey, and privileged access to family papers still held in trust, Morris is also able to bring his subject to life on the page—the adored yet autocratic and often neglectful husband of two wives and father of six children. If the great man who emerges from it is less a sentimental hero than an overwhelming force of nature, driven onward by compulsive creativity, then Edison is at last getting his biographical due.

10 Amazing Inventions

Discoveries and Inventions

The Critical Review, Or, Annals of Literature

Amazing Stories Behind Some Great Inventions

40+ New Robots, Vehicles, Contraptions, Gadgets, Games and Other Fun STEM Creations

The Mechanic's Magazine, Museum, Register, Journal and Gazette, Volume 34

"When Beckman wrote his History of Inventions, towards the close of last century, scarcely any of the wonderful discoveries and contrivances that now form parts of our social system were known; and the table of contents of his two large volumes affords a curious insight to the nature and limited extent of such contrivances as were then considered most important. The introduction into his history of such subjects as canary birds, carp, the adulteration of wine, apothecaries, cock-fighting, and juggling, lead us to infer that the Historian of Inventions at that time must have had some difficulty to find appropriate matter wherewith to fill his volumes. The opposite difficulty now presents itself. The numerous important, wonderful, and curious accomplishments of human skill and ingenuity during the present century render preference perplexing, where so many deserve description."

"The story of one of the most prolific, independent, and iconoclastic inventors of this century...fascinating."—Scientific American Nikola Tesla (1856-1943), credited as the inspiration for radio, robots, and even radar, has been called the patron saint of modern electricity. Based on original material and previously unavailable documents, this acclaimed book is the definitive biography of the man considered by many to be the founding father of modern electrical technology. Among Tesla's creations were the channeling of alternating current, fluorescent and neon lighting, wireless telegraphy, and the giant turbines that harnessed the power of Niagara Falls. This essential biography is illustrated with sixteen pages of photographs, including the July 20, 1931, Time magazine cover for an issue celebrating the inventor's career. "A deep and comprehensive biography of a great engineer of early electrical science--likely to become the definitive biography. Highly recommended."--American Association for the Advancement of Science "Seifer's vivid, revelatory, exhaustively researched biography rescues pioneer inventor Nikola Tesla from cult status and restores him to his rightful place as a principal architect of the modern age." --Publishers Weekly Starred Review "[Wizard] brings the many complex facets of [Tesla's] personal and technical life together in to a cohesive whole....I highly recommend this biography of a great technologist." --A.A. Mullin, U.S. Army Space and Strategic Defense Command, COMPUTING REVIEWS "[Along with A Beautiful Mind] one of the five best biographies written on the brilliantly disturbed."--WALL STREET JOURNAL "Wizard is a compelling tale presenting a teeming, vivid world of science, technology, culture and human lives."--From the New York Times--bestselling author of Where Good Ideas Come From and Extra Life, a new look at the power and legacy of great ideas. In this illustrated history, Steven Johnson explores the history of innovation over centuries, tracing facets of modern life (refrigeration, clocks, and eyeglass lenses, to name a few) from their creation by hobbyists, amateurs, and entrepreneurs to their unintended

historical consequences. Filled with surprising stories of accidental genius and brilliant mistakes—from the French publisher who invented the phonograph before Edison but forgot to include playback, to the Hollywood movie star who helped invent the technology behind Wi-Fi and Bluetooth—How We Got to Now investigates the secret history behind the everyday objects of contemporary life. In his trademark style, Johnson examines unexpected connections between seemingly unrelated fields: how the invention of air-conditioning enabled the largest migration of human beings in the history of the species—to cities such as Dubai or Phoenix, which would otherwise be virtually uninhabitable; how pendulum clocks helped trigger the industrial revolution; and how clean water made it possible to manufacture computer chips. Accompanied by a major six-part television series on PBS, How We Got to Now is the story of collaborative networks building the modern world, written in the provocative, informative, and engaging style that has earned Johnson fans around the globe.

Tesla: Inventor of the Modern

Mechanics Magazine

Jorkens Has a Large Whiskey

The Mechanics' Magazine, Museum, Register, Journal, and Gazette

Germany;

Inventor of the Electrical Age

Kareem Abdul-Jabbar, basketball legend and the NBA's alltime leading scorer, champions a lineup of little-known African-American inventors in this lively, kid-friendly book. Did you know that James West invented the microphone in your cell phone? That Fred Jones invented the refrigerated truck that makes supermarkets possible? Or that Dr. Percy Julian synthesized cortisone from soy, easing untold people's pain? These are just some of the black inventors and innovators scoring big points in this dynamic look at several unsung heroes who shared a desire to improve people's lives. Offering profiles with fast facts on flaps and framed by a funny contemporary story featuring two feisty twins, here is a nod to the minds behind the gamma electric cell and the ice-cream scoop, improvements to traffic lights, open-heart surgery, and more — inventors whose ingenuity and perseverance against great odds made our world safer, better, and brighter. Back matter includes an authors' note and sources.

skilled in geometry, ingenious devices (lival), music and astronomy. According to Ibn al-Nadim and Ibn Khallikan their weakest subject was astronomy, but this seems to conflict with the opinions of Ibn Yunus and al-Biruni, both good judges, who spoke highly of the accuracy of the Banu Musa's astronomical observations. Muhammad, who was the most influential of the brothers, specialised in geometry and astronomy, and excelled Almad in all the sciences except in the construction of ingenious devices. Al-I: Isan was a brilliant geometrician with a tenlive memory and great powers of deduction. A rival onee tried to discredit him in front of al-Ma'mun by saying that al- I: Isan had read only six of the thirteen books of Euclid's Elements. Al-I: Isan replied by saying that it was unnecessary for him to read the remainder because he could arrive at the answers to any of Euclid's problems by deduction. Al-Ma'mun acknowledged al- I: Isan's skill, but did not excuse him, saying: "laziness has prevented you from reading the whole of it-it is to geometry as the letters a, b, t, 111 are to speech and writing." (H. 264). Al-I: Isan is rarely mentioned by name elsewhere in the sources and may have preferred to devote his time to scholarship, whereas his brothers were involved in a variety of undertakings. At the time of their entry into the House of Wisdom the Banu Musil were poor and needy (H.

Discover the secrets behind some amazing inventions! Through observation, experimentation, and perseverance, humans through the ages have managed to solve a whole array of perplexing problems. These solutions have included such incredible inventions as the parachute, the periscope, the solar water heater, the suspension bridge, the stethoscope, and many more. Now, with Build a Better Mousetrap in hand, you too can experience your own Eureka! moments of inspiration and sharpen your problem-solving skills as well, while you explore the history and science behind some of the world's most exciting inventions. With this collection of fascinating, hands-on projects you'll discover the answers to such intriguing questions as: Who invented the hovercraft? Why is there a hole in the top of a parachute? What is an Aerobie and why does it fly so well? And you'll be encouraged to come up with your own awesome inventions. With easy-to-follow instructions on how to make everything from a rocket, to a kaleidoscope, to a bottle organ, Build a Better Mousetrap is filled with enough exciting projects and challenges to get you started on a lifetime of invention.

How We Got to Now

Wonderworks

The Modern Inventions of Benjamin Franklin

Make Classic Inventions, Discover Your Problem-Solving Genius, and Take the Inventor's Challenge

The Invention of Everything Else

Mechanics' Magazine and Journal of Science, Arts, and Manufactures

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Therefore, you will see the original copyright references, library stamps (as most of these works have been housed in our most important libraries around the world), and other notations in the work. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. As a reproduction of a historical artifact, this work may contain missing or blurred pages, poor pictures, errant marks, etc. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

Pulitzer Prize-winning author Richard Rhodes delivers a remarkable story of science history: how a ravishing film star and an avant-garde composer invented spread-spectrum radio, the technology that made wireless phones, GPS systems, and many other devices possible. Beginning at a Hollywood dinner table, Hedy's Folly tells a wild story of innovation that culminates in U.S. patent number 2,292,387 for a "secret communication system." Along the way Rhodes weaves together Hollywood's golden era, the history of Vienna, 1920s Paris, weapons design, music, a tutorial on patent law and a brief treatise on transmission technology. Narrated with the rigor and charisma we've come to expect of Rhodes, it is a remarkable narrative adventure about spread-spectrum radio's genesis and unlikely amateur inventors collaborating to change the world.

A fresh, intriguing look at the stories behind great toy inventions, by Don Wulffson and illustrated by Laurie Keller.

"Originally, Play-Doh only came in white. There's a good reason for this. You see, Play-Doh didn't start out as a toy. It

started out as a product for cleaning wallpaper." Have you ever wondered who invented Lego, Mr. Potato Head, or toy trains? In Toys! are the fascinating stories behind these toy inventions and many others. Learn why the see-saw was popular with the Romans, how the Slinky was used during the Vietnam War, and the reason Raggedy Ann has a red heart on her chest that says "I love you." From dolls and checkers to pinball and the modern video game, there's a wide selection here for boys and girls alike. With humor and wit, this intriguing book serves up slices of cultural history that will inspire young readers to start thinking up their own toy inventions.

Now & Ben

Hedy's Folly

An Illustrated Weekly Journal for Iron and Steel Manufacturers, Metallurgists, Mine Proprietors, Engineers, Shipbuilders, Scientists, Capitalists ...

The 25 Most Powerful Inventions in the History of Literature

A Life From Beginning to End

The Critical Review: Or, Annals of Literature

Nikola Tesla was a major contributor to the electrical revolution that transformed daily life at the turn of the twentieth century. His inventions, patents, and theoretical work formed the basis of modern AC electricity, and contributed to the development of radio and television. Like his competitor Thomas Edison, Tesla was one of America's first celebrity scientists, enjoying the company of New York high society and dazzling the likes of Mark Twain with his electrical demonstrations. An astute self-promoter and gifted showman, he cultivated a public image of the eccentric genius. Even at the end of his life when he was living in poverty, Tesla still attracted reporters to his annual birthday interview, regaling them with claims that he had invented a particle-beam weapon capable of bringing down enemy aircraft. Plenty of biographies glamorize Tesla and his eccentricities, but until now none has carefully examined what, how, and why he invented. In this groundbreaking book, W. Bernard Carlson demystifies the legendary inventor, placing him within the cultural and technological context of his time, and focusing on his inventions themselves as well as the creation and maintenance of his celebrity. Drawing on original documents from Tesla's private and public life, Carlson shows how he was an "idealist" inventor who sought the perfect experimental realization of a great idea or principle, and who skillfully sold his inventions to the public through mythmaking and illusion. This major biography sheds new light on Tesla's visionary approach to invention and the business strategies behind his most important technological breakthroughs.

This "fascinating" (Malcolm Gladwell, New York Times bestselling author of Outliers) examination of literary inventions through the ages, from ancient Mesopotamia to Elena Ferrante, shows how writers have created technical breakthroughs—rivaling scientific inventions—and engineering enhancements to the human heart and mind. Literature is a technology like any other. And the writers we revere—from Homer, Shakespeare, Austen, and others—each made a unique technical breakthrough that can be viewed as both a narrative and neuroscientific advancement. Literature's great invention was to address problems we could not solve: not how to start a fire or build a boat, but how to live and love; how to maintain courage in the face of death; how to account for the fact that we exist at all. Wonderworks reviews the blueprints for twenty-five of the most significant developments in the history of literature. These inventions can be scientifically shown to alleviate grief, trauma, loneliness, anxiety, numbness, depression, pessimism, and ennui, while sparking creativity, courage, love, empathy, hope, joy, and positive change. They can be found throughout literature—from ancient Chinese lyrics to Shakespeare's plays, poetry to nursery rhymes and fairy tales, and crime novels to slave narratives. A "refreshing and remarkable" (Jay Parini, author of Borges and Me: An Encounter) exploration of the new literary field of story science, Wonderworks teaches you everything you wish you learned in your English class, and "contains many instances of critical insight....What's most interesting about this compendium is its understanding of imaginative representation as a technology" (The New York Times).

In this entertaining eBooklet, renowned deep thinkers Jimmy Russell and Jack Goldstein discuss the ten greatest inventions they believe humankind has ever seen, using their own unique perspectives on the world in which we live. The result is an entertaining read, and - being careful to distinguish between inventions and discoveries - many readers may be surprised at what appears on the list and what does not. Informative, fun and vaguely educational, this is a great title which will create debate and discussion.

Nikola Tesla

Inventions and Patents

Industrial Property

Edison

**The Life and Breakthrough Inventions of Hedy Lamarr, the Most Beautiful Woman in the World
What Color Is My World?**

Invention and innovation are what distinguish the human race from all of the other species on Earth. Throughout history the imagination and pioneering spirit of human kind has compelled us to question why we do things in a certain way and, more importantly, how we can do things better. Celebrating the ingenuity, creativity and resourcefulness that has led to some of the most amazing technological leaps through the ages, Breverton's

Encyclopedia of Inventions examines the key innovations and breakthroughs of all time and the genius behind them. Starting with the building of the pyramids in ancient Egypt and the discovery of the solar system, moving through surgery, dynamite and rockets, to modern technology such as the smart card and genetic engineering, Terry Breverton springs many surprises. He uncovers fascinating and little-known facts: for example, that Price, not Fleming, discovered penicillin; that Swan, not Edison invented the electric light, and that Wallace, not Darwin first advanced the theory of evolution. Tracing the sheer persistence of brilliant men and women across the globe, who fought the prevailing ideas of their times and advanced technology, Breverton's Encyclopedia of Inventions will inspire anyone interested in the history and developments that have changed our lives and shaped our planet's future.

Jorkens Has a Large Whiskey, the third collection of Dunsany's Jorkens tales to be published, is a collection of fantasy short stories, narrated by Mr. Joseph Jorkens. The book collects twenty-six short pieces by Dunsany. The Jorkens stories are set in the London gentleman's or adventurer's club of which the title character is a member. They usually open with another member mentioning an interesting experience he has had; this rouses Jorkens, who in return for a whisky-and-soda (merely to "moisten his throat," you understand!) goes the other member one better with an extraordinary tall tale, supposedly from his own past. His stories often tip well over the boundaries of the plausible, into the realms of fantasy, horror, or even science fiction, and his auditors can never be quite sure what proportion of what he relates was truly experienced and to what degree he might have embellished.

This is the story of how Les Paul created the world's first solid-body electric guitar, countless other inventions that changed modern music, and one truly epic career in rock and roll. How to make a microphone? A broomstick, a cinderblock, a telephone, a radio. How to make an electric guitar? A record player's arm, a speaker, some tape. How to make a legendary inventor? A few tools, a lot of curiosity, and an endless faith in what is possible. Featuring richly detailed, dynamic illustrations by Brett Helquist, this unforgettable biography will resonate with inventive readers young and old.

The Lost History of African-American Inventors

Six Innovations That Made the Modern World

Wizard:

Tesla

Genius LEGO Inventions with Bricks You Already Have

My Inventions

Everything you think you know about Nikola Tesla is wrong. Nikola Tesla was one of the greatest electrical inventors who ever lived. For years, the engineering genius was relegated to relative obscurity, his contributions to humanity (we are told) obscured by a number of nineteenth-century inventors and industrialists who took credit for his work or stole his patents outright. In recent years, the historical record has been "corrected" and Tesla has been restored to his rightful place among historical luminaries like Thomas Edison, George Westinghouse, and Guglielmo Marconi. Most biographies repeat the familiar account of Tesla's life, including his invention of alternating current, his falling out with Edison, how he lost billions in patent royalties to Westinghouse, and his fight to prove that Marconi stole 13 of his patents to "invent" radio. But, what really happened? Consider this: Everything you think you know about Nikola Tesla is wrong. Newly uncovered information proves that the popular account of Tesla's life is itself very flawed. In *The Truth About Tesla*, Christopher Cooper sets out to prove that the conventional story not only oversimplifies history, it denies credit to some of the true inventors behind many of the groundbreaking technologies now attributed to Tesla and perpetuates a misunderstanding about the process of innovation itself. Are you positive that Alexander Graham Bell invented the telephone? Are you sure the Wright Brothers were the first in flight? Think again! With a provocative foreword by Tesla biographer Marc J. Seifer, *The Truth About Tesla* is one of the first books to set the record straight, tracing the origin of some of the greatest electrical inventions to a coterie of colorful characters that conventional history has all but forgotten.

The inventions and inspiration of Benjamin Franklin and how they've stood the test of time What would you do if you lived in a community without a library, hospital, post office, or fire department? If you were Benjamin Franklin, you'd set up these organizations yourself. Franklin also designed the lightning rod, suggested the idea of daylight savings time, and invented bifocals—all inspired by his common sense and intelligence. In this informative book, Gene Barretta brings Benjamin Franklin's genius to life, deepening our appreciation for one of the most influential figures in American history. Now & Ben is a 2007 Bank Street - Best Children's Book of the Year.

Nikola Tesla was a major figure in the world in which he lived. As the nineteenth century gave way to the twentieth, it was Tesla who would contribute to some of the world's most amazing inventions. It was Tesla's theories, patents, and experiments that would pave the way for the digital, wireless world we are so familiar with today. Tesla didn't enjoy the high honors bestowed on so many of his contemporaries, yet he enjoyed the power of knowing that it was his inventions that were powering the world, literally. Inside you will read about... ? Early Life ? Alternating Current and the Induction Motor ? Patents, Radio and X-rays ? Wardenclyffe Years ? Personal Life ? Later Years ? 10 Things You Never Knew About Nikola Tesla And much more! This

book will take you through the life of Nikola Tesla. From his humble beginnings in Croatia to all he would accomplish as a citizen of the United States, Tesla shows how his imagination fueled his creativity and brought his inventions to life. See Nikola Tesla for what he truly was; an extraordinary visionary who sparked the world.

The Book of Ingenious Devices / Kitáb al-ʿiyal

Guitar Genius

Mechanics' Magazine

A Compendium of Technological Leaps, Groundbreaking Discoveries and Scientific Breakthroughs that Changed the World

Kitáb al-Hiyal. By The Banú (sons of) Músà bin Shákir

GERMANY

Takes young readers inside the lives and minds of the greatest inventors in history

Tesla's inventions transformed our world, and his visions have continued to inspire great minds for generations. Nikola Tesla invented the radio, robots, and remote control. His electric induction motors run our appliances and factories, yet he has been largely overlooked by history. In Tesla, Richard Munson presents a comprehensive portrait of this farsighted and underappreciated mastermind. When his first breakthrough—alternating current, the basis of the electric grid—pitted him against Thomas Edison's direct-current empire, Tesla's superior technology prevailed. Unfortunately, he had little business sense and could not capitalize on this success. His most advanced ideas went unrecognized for decades: forty years in the case of the radio patent, longer still for his ideas on laser beam technology. Although penniless during his later years, he never stopped imagining. In the early 1900s, he designed plans for cell phones, the Internet, death-ray weapons, and interstellar communications. His ideas have lived on to shape the modern economy. Who was this genius? Drawing on letters, technical notebooks, and other primary sources, Munson pieces together the magnificently bizarre personal life and mental habits of the enigmatic inventor. Born during a lightning storm at midnight, Tesla died alone in a New York City hotel. He was an acute germaphobe who never shook hands and required nine napkins when he sat down to dinner. Strikingly handsome and impeccably dressed, he spoke eight languages and could recite entire books from memory. Yet Tesla's most famous inventions were not the product of fastidiousness or linear thought but of a mind fueled by both the humanities and sciences: he conceived the induction motor while walking through a park and reciting Goethe's Faust. Tesla worked tirelessly to offer electric power to the world, to introduce automatons that would reduce life's drudgery, and to develop machines that might one day abolish war. His story is a reminder that technology can transcend the marketplace and that profit is not the only motivation for invention. This clear, authoritative, and highly readable biography takes account of all phases of Tesla's remarkable life.

"Inventions and Patents" is the first of WIPO's Learn from the past, create the future series of publications aimed at young students. This series was launched in recognition of the importance of children and young adults as the creators of our future.

Build a Better Mousetrap

The Truth About Tesla

Genius!

A Novel

How Les Paul Engineered the Solid-Body Electric Guitar and Rocked the World

The Life and Times of Nikolas Tesla

Nikola Tesla spends the last days of his extraordinary life at the Hotel New Yorker—in this surreal historical novel [that] dazzles in the details (The New Yorker). It is 1943, and legendary inventor Nikola Tesla occupies a forbidden room on the 33rd floor of the Hotel New Yorker, stealing electricity. Broke, forgotten, and suffering from a weak heart, his only consolations are his memories and his daily walks to Bryant Park. Louisa, a young hotel chambermaid, is determined to befriend him. And as she helps him on his daily walks, she wins his affection through a shared love of pigeons. Little by little, he confides in her the tragic and tremendous story of his life. Meanwhile, Louisa's father is embarking on an unlikely mission to travel back in time to find his beloved late wife. A sophisticated pastiche of science fiction, fantasy, melodrama, and historical anecdote, The Invention of Everything Else is both a heartfelt story of love and death and an homage to one of history's most visionary scientists (Elle).

The Mechanic's Magazine, Museum, Register, Journal and Gazette

Great Facts : A Popular History and Description of the Most Remarkable Inventions During the Present Century (Illustrated)

Iron

GREAT FACTS A POPULAR HISTORY AND DESCRIPTION OF THE MOST REMARKABLE INVENTIONS DURING THE PRESENT CENTURY.

Breverton's Encyclopedia of Inventions

The Myth of the Lone Genius in the History of Innovation