

Anil Kumar Jewelry

Sustainable Luxury and JewelrySpringer Nature

Astrology is an exact knowledge and a tool for self and management. Objective of Astrology is to give accurate predictions about future. Astrology is highly beneficial because with the help of this knowledge we come to know about our future and forth coming good or bad events. A text book on Astrology is the best choice for those who are new in the field of Astrology. It is best book for beginners indeed. It gives brief and accurate information about Zodiac, signs and planets along with their characteristics and astronomical facts. Characteristics of each sign and information about houses representing different aspects of life are discussed precisely and very accurately. Anybody can learn the method of casting of horoscope from this book as it is explained in an intelligible manner. Vimshottari dasha calculation and casting of divisional charts is also equally easier. A Text book of Astrology is taught as a core book by All India Federation of Astrologers' Societies in its first course of Astrology. By reading this book one can easily learn the fundamentals of predictive astrology like effect of planetary yogas and placement of planets in different houses.

Book entitled "Forages and Fodder: Indian Perspective" contains different aspects viz., production, protection, PGR management, consumption; preservation and socio-economic aspects of forage and fodder crops. The present book is one of the latest and updated manuscripts related to forage and fodder in Indian context. Forage includes all plant species directly or indirectly consumed by animals and cultivated forage crops occupy about 5.0 per cent of the total cultivated area of India. The animal fodder consists of several plants species which are used to feed the cattle either raw (green and cut fodder) or after minor processing (such as silage) while pastures are grassland, usually with improved species, carefully managed with inputs such as irrigation and manures for grazing of livestock. The National Commission on Agriculture (1976) recommended that a minimum 10 per cent of the arable area in the country (about 16.5 million ha) should be under improved forage crops to meet the green forage needs of the ever growing livestock population. At the same time, plant genetic resource (PGR), which carries germplasm for present and future needs, can be utilized for producing varieties having resistance to biotic and abiotic stress as well as for its quality enrichments. Weed growth should not be overlooked as it hampers yield, lowers forage quality, increases the incidence of disease and insect problems, causes premature stand loss, and creates harvesting problems. Some weeds are unpalatable and may be poisonous for livestock. Updated information on insect pest problem is well documented in the book. It is established fact that insect and pests cause yield loss, both in quantitative and qualitative terms, and their effects depend on many factors like, the level of infestation, crop variety, agronomic practices and other related factors. Insect pests induced losses are not only in term of green or dry fodder

yield but also on quality factors which affect the re-growth period and canopy structure. Among the other constraints, the diseases have always been a major limiting factor for fodder cultivation. Fertilizer management, organic farming and climatic conditions required for different fodder and forage crops are very well illustrated in the present volume. Women play a key role as seed selectors and in seedling production and their knowledge on seeds and seed storage contributes to viability of agricultural diversity and production. Women also play an important role in livestock management which includes, care of animals, grazing and fodder collection, cleaning of animal sheds, processing milk and livestock products. Despite their considerable involvement and contribution, women's role in livestock production has been underestimated, undervalued and widely ignored. The book also covers areas like marketing of forage and fodders and all together contains 32 chapters on various issues of forage and fodder production and management.

Patents

Principles and Applications

On the Grand Trunk Road

Recent Advances in Mechanical Engineering

Official Gazette of the United States Patent and Trademark Office

From the award-winning and bestselling author of Ghost Wars and Directorate S, a trek across a socially and politically damaged South Asia Bestselling author Steve Coll is one of the preeminent journalists of the twenty-first century. His last two books, the Pulitzer Prize-winning Ghost Wars and New York Times bestseller The Bin Ladens, have been praised for their creative insight and complex yet compelling narratives-and have put him on par with journalists such as the legendary Bob Woodward. Now, for the first time ever, the paperback edition of On the Grand Trunk Road is finally available, revised and updated with new material. Focusing on Coll's journeys in conflict-ridden India, Pakistan, Bangladesh, Sri Lanka, Nepal, and Afghanistan as a bureau chief for The Washington Post, On the Grand Trunk Road reveals a little-seen area of the world where violence, corruption, and greed have had devastating effects on South Asians from all walks of life.

About the Book: This book presents lucid treatment of a wide range of issues involved in Operations Management. It emphasises on the analysis and quantitative techniques for the overall role of Operations Management in organisations, which aim at maximis

Solar energy has found its widespread use in direct conversion into electricity either by photovoltaic conversion or through thermal energy, reduction in post-harvest losses, and crop drying. Solar Drying Systems analyzes the fundamentals, principles and applications, heat transfer, elements of drying and solar dryer designs, and related modeling and analysis aspects of solar energy. Discusses both technical and policy-related issues Explores up-to-date status reviews of different solar drying systems Reviews the highlights of present and future solar drying options Includes many figures, solved examples, and tables with problems/exercises at the end of each chapter This book is aimed at senior undergraduate and graduate students in energy engineering.

The Billionaire's Apprentice

Sustainable Luxury and Jewelry

Operations Management

Musings of a Wandering Mind

Harris Illinois Industrial Directory

Introduction to Internet of Things (Basic Concept, Challenges, Security Issues, Applications & Architecture)

Building Materials and Construction is primarily written for the students of Civil Engineering to make them familiar with building materials and construction practices to build their interest in the field. The book starts with explanation of building material concepts and goes on to explain all the important materials like Lime, Bricks, Cement, Timber, Concrete etc. in separate chapters following the same flow as prescribed in major universities. Special emphasis is given on construction materials such as foundation work, stone and brick masonry, plastering work, door and window design, roof and floors, DPC etc.

With emphasis on the physical and engineering principles, this book provides a comprehensive and highly accessible treatment of modern lasers and optoelectronics. Divided into four parts, it explains laser fundamentals, types of lasers, laser electronics & optoelectronics, and laser applications, covering each of the topics in their entirety, from basic fundamentals to advanced concepts. Key features include: exploration of technological and application-related aspects of lasers and optoelectronics, detailing both existing and emerging applications in industry, medical diagnostics and therapeutics, scientific studies and Defence. simple explanation of the concepts and essential information on electronics and circuitry related to laser systems illustration of numerous solved and unsolved problems, practical examples, chapter summaries, self-evaluation exercises, and a comprehensive list of references for further reading This volume is a valuable design guide for R&D engineers and scientists engaged in design and development of lasers and optoelectronics systems, and technicians in their operation and maintenance. The tutorial approach serves as a useful reference for under-graduate and graduate students of lasers and optoelectronics, also PhD students in electronics, optoelectronics and physics.

Indispensable for the student or researcher studying women's history, this book draws upon a wide array of cultural settings and time periods in which women displayed agency by carrying out their daily economic, familial, artistic, and religious obligations. Since record keeping began, history has been written by a relatively few elite men. Insights into women's history are left to be gleaned by scholars who undertake careful readings of ancient literature, examine archaeological artifacts, and study popular culture, such as folktales, musical traditions, and art. For some historical periods and geographic regions, this is the only way to develop some sense of what daily life might have been like for women in a particular time and place. This reference explores the daily life of women across civilizations. The work is organized in sections on different civilizations from around the world, arranged chronologically. Within each society, the encyclopedia highlights the roles of women within five broad thematic categories: the arts, economics and work, family and community life, recreation and social customs, and religious life. Included are numerous sidebars containing additional information, document excerpts, images, and suggestions

for further reading. An introduction provides an overview the daily life of women through history, and a timeline highlights key events in women's history. Chronologically arranged sections on civilizations from across world history provide information on the daily life of women living in those societies. For each civilization, broad categories of daily life are broken into subsections, with each offering reference entries on specific topics. Photos help users visualize important topics, and sidebars provide interesting tangential information. Bibliographies direct readers to additional resources.

ASIA. Major Manufacturers Directory

Satellite Technology

Saga of a 2500 Year Old City from Ajatshatru to Present Day Patna

Techniques, Management, and Energy Conservation

The Rise of The Indian-American Elite and The Fall of The Galleon Hedge Fund

Fundamentals, Devices and Applications

*With increasing government regulation of pollution, as well as willingness to levy punitive fines for transgressions, treatment of industrial waste is a important subject. This book is a single source of information on treatment procedures using biochemical means for all types of solid, liquid and gaseous contaminants generated by various chemical and allied industries. This book is intended for practicing environmental engineers and technologists from any industry as well as researchers and professors. The topics covered include the treatment of gaseous, liquid and solid waste from a large number of chemical and allied industries that include dye stuff, chemical, alcohol, food processing, pesticide, pharmaceuticals, paint etc. Information on aerobic and anaerobic reactors and modeling and simulation of waste treatment systems are also discussed. * Compares chemical and biochemical means of industrial waste treatment * Provides details of technology (i.e. reactors, operating conditions etc) with regard to the biochemistry aspects. * Can be used as a teaching aid for graduate courses and a reference material by practicing environmental scientists and engineers. * Researchers can extract synergy between treatment procedures and various effluents.*

Introduction to Internet of Things: Basic Concept, challenges, security issues, applications and architecture will provide strong back ground knowledge about IoT and its application. The literature regarding IoT has been reviewed thoroughly and the concepts are presented. This book is about IoT and applications. Its objective is to present as clearly and completely as possible, the nature and characteristics of IoT devices. The book will help beginners and graduate students to gain the important concepts and ideas about IoT.

Cereals, pulses, roots, and tubers are major food sources worldwide and make a substantial contribution to the intake of carbohydrates, protein, and fiber, as well as vitamin E and B. The Handbook of Cereals, Pulses, Roots, and Tubers: Functionality, Health Benefits, and Applications provides information about commercial cereals, pulses, and their nutritional profile, as well as health benefits and their food and non-food applications. Split into four sections, this handbook covers all the recent research about the related crops and outlines matters needing further research in the field of agriculture sciences. Both qualitative and quantitative analysis of nutrients and bio-actives, and their beneficial effects on human health, are highlighted in this book. The conclusions drawn and future perspectives proposed in each chapter will also help researchers to take more focused approaches. FEATURES Covers the full spectrum of cereals, pulses, roots, and tubers grain production, processing, and their use for foods, feeds, fuels, and industrial materials, and other uses Contains the latest information from grain science professionals and food technologists alike Provides comprehensive knowledge on the nutritional and non-nutritional aspects of cereals, pulses, and tubers Discusses the latest development in modification of native starch Provides information in enhancing shelf life and its utilization in phytochemical rich product development The result of various well-versed researchers

across the globe sharing their knowledge and experience, this handbook will be a valuable resource for students, researchers, and industrial practitioners who wish to enhance their knowledge and insights on cereals, pulses, roots, and tubers.

A Journey into South Asia

Astrology for Beginners

Select Proceedings of RAME 2020

For Students, Industrialist and Patent Lawyers

Patna: A Paradise Lost!

Emperor Bharata

Exploring the chemistry of synthesis, mechanisms of polymerization, reaction engineering of step-growth and chain-growth polymerization, polymer characterization, thermodynamics and structural, mechanical, thermal and transport behavior of polymers as melts, solutions and solids, Fundamentals of Polymer Engineering, Third Edition covers essential concepts and breakthroughs in reactor design and polymer production and processing. It contains modern theories and world examples for a clear understanding of polymer function and development. This fully updated edition addresses new materials, applications, processing techniques, and interpretations of data in the field of polymer science. It discusses the conversion of biomass and coal to plastics and fuels, the use of porous polymers and membranes for water purification, and the use of polymeric membranes in fuel cells. Recent developments are brought to light in detail, and there are new sections on the improvement of barrier properties of polymers, constitutive equations for polymers in melts, additive manufacturing and polymer recycling. This textbook is aimed at senior undergraduate students and first year graduate students in polymer engineering and science courses, as well as professional engineers, scientists, and chemists. Examples and problems are included at the end of each chapter for concept reinforcement.

The Indian Ocean Nodule Field: Geology and Resource Potential, Second Edition, provides a view of the most recent studies along with classical theories starting from the 1960s. New concepts, hypotheses and critical appreciation of the state-of-the-art knowledge on nodule formation and resource management are featured in this new edition. The economy of the Indian Ocean has vast potential and yet it is one of the least studied oceans. Garnering economic advantage out of mineral resources from deep oceans has been a long cherished dream for the mining community. The availability of 5-metal rich polymetallic (manganese) nodules in specific areas of the Indian Ocean has lured researchers to discover more about their processes of formation, growth, distribution and enrichment. This book collates, discusses and succinctly presents voluminous and scattered information from various books and journals for easy understanding and dissemination. Features two new chapters: statistical models of the formation, growth, distribution and metal enrichment of nodules; and biogeochemistry of the Central Indian Ocean Basin. Includes an assessment of Indian Ocean nodules, one of the least studied oceans in comparison to samples analyzed in the world's oceans.

This book presents a comprehensive survey of the Indian Economy in terms of GDP growth, savings, investment and developments in various sectors such as agriculture,

industry and services. A contradiction observed in India is that while the reform process has resulted in boosting GDP growth, it has failed to yield acceleration in the process of poverty reduction and growth of employment.

Biotreatment of Industrial Effluents

Handbook of Cereals, Pulses, Roots, and Tubers

Applying Predictive Analytics Within the Service Sector

Demystifying Internet of Things Security

Catalog of Copyright Entries

Building Materials and Construction

Milk is nature's perfect food (lacking only iron, copper, and vitamin C) and is highly recommended by nutritionists for building healthy bodies. New technologies have emerged in the processing of milk. This new volume focuses on the processing of milk by novel techniques, emphasizing the conservation of energy and effective methods. This book is divided four parts that cover: applications of novel processing technologies in the dairy industry novel drying techniques in the dairy industry management systems and hurdles in the dairy industry energy conservation and opportunities in the dairy industry This book presents new information on the technology of ohmic heating for milk pasteurization. It goes on to provide an overview of the commercial thermal, non-thermal technologies, and hybrid technologies for milk pasteurization. There are non-thermal technologies such as pulse light, irradiation, ultra violet treatment, etc., that can be used in combination with other technologies for the processing of milk and milk products. This hybrid technology can provide multiple benefits, such extended shelf life, reduced energy costs, reduced heat treatment, and better organoleptic and sensory properties. The book also describes the different aspects of food safety management used in dairy processing. The book also looks at recent advances in microwave-assisted thermal processing of milk and the effects of microwaves on microbiological, physicochemical, and organoleptic properties of processed milk and milk products. Technological advances in value addition and standardization of the products have been reported, but well-established processes for mechanized production are recommended in the book for a uniform quality nutritious product produced under hygienic conditions. This new volume will be of interest to faculty, researchers, postgraduate students, researchers, as well as engineers in the dairy industry.

A comprehensive, single-source reference on satellite technology and its applications, Satellite Technology: Principles and Applications, Second Edition includes the latest developments on the topic. Covering the features and facilities of satellites and satellite launch vehicles, with an emphasis on the fundamental principles and concepts, the authors provide readers with a complete understanding of the technology. This book explains the past, present and future satellite missions, as well as non-communication related applications. Coverage ranges from remote sensing and navigational uses to meteorological and military areas. This second edition contains an additional chapter on earth station design and gives extensive focus to space based weapon systems, satellite interference and future trends in satellite technology. Extra information has also been provided on all of the first edition's topics to enhance the existing coverage. Fully

updated new edition with latest technological developments Covers the full range of important applications such remote sensing, weather forecasting, navigational, scientific and military applications Amply illustrated with figures and photographs, this book also contains problems with solutions, which is of benefit students at undergraduate and graduate levels An indispensable book for professionals and students in the field of satellite technology Companion website provides a complete and updated compendium on satellites and satellite launch vehicles

This book presents the select proceedings of the second International Conference on Recent Advances in Mechanical Engineering (RAME 2020). The topics covered include aerodynamics and fluid mechanics, automation, automotive engineering, composites, ceramics and polymers processing, computational mechanics, failure and fracture mechanics, friction, tribology and surface engineering, heating and ventilation, air conditioning system, industrial engineering, IC engines, turbomachinery and alternative fuels, machinability and formability of materials, mechanisms and machines, metrology and computer-aided inspection, micro- and nano-mechanics, modelling, simulation and optimization, product design and development, rapid manufacturing technologies and prototyping, solid mechanics and structural mechanics, thermodynamics and heat transfer, traditional and non-traditional machining processes, vibration and acoustics. The book also discusses various energy-efficient renewable and non-renewable resources and technologies, strategies and technologies for sustainable development and energy & environmental interaction. The book is a valuable reference for beginners, researchers, and professionals interested in sustainable construction and allied fields.

Fundamentals of Intellectual Property Rights

Functionality, Health Benefits, and Applications

Couchbase on Kubernetes

Daily Life of Women: An Encyclopedia from Ancient Times to the Present [3 volumes]

Novel Dairy Processing Technologies

Enzymes and Enzyme Technology

This a collection of my blog posts. The blog isn't a specialized one. It just captures my reflections on the goings-on around me: Hence the name Miscellania. You may go to any post at random and read it without bothering about what precedes or follows it. To help readers find a topic of their choice, the posts have been grouped under eight sections and then arranged chronologically under each section. The blog is like me - bilingual. Though bulk of the posts are in English, there are a few in Hindi too.

The Couchbase Autonomous Operator for Kubernetes is an application-specific controller that vastly reduces complexity, human error and manual management of database services, resulting in streamlined operations, more efficient consumption of resources and cloud portability. Couchbase Autonomous Operator extends the Kubernetes API to create, configure and manage instances of complex stateful applications on behalf of a Kubernetes user. It builds upon the basic Kubernetes resource and controller concepts, but also includes the domain or application-specific knowledge to automate common tasks better managed by computers. Whether an enterprise is using a single-provider, hybrid cloud or cross-cloud strategy, Couchbase Autonomous Operator is deployment agnostic, thereby enabling multi-cloud deployment and migration seamlessly. As Kubernetes continues to

gain momentum and IT organizations increasingly adopt cloud computing and embrace newer technologies like microservices, mobile, IoT and more, Couchbase identified the following key roadblocks that hinder progress: - High operational costs: Manually deploying and managing hundreds of database instances across multiple geographies increases cost, effort, and complexity. - Vendor lock-in: A lack of standardization to ensure data can be moved freely and safely between cloud providers has made it difficult to switch providers quickly or work with multiple providers. - Delayed time to market: Customers with applications using microservice architectures have difficulties managing and scaling database clusters in siloed systems, extending development times and making it harder to support their applications. The Couchbase Autonomous Operator for Kubernetes was built to address and overcome these challenges for the enterprise by providing: - Automated operations: Beta users report reductions of up to 95 percent of the operational complexity, which lowers operational costs. - Cloud-agnostic deployment and management: Offers enterprise customers with multi-cloud strategies the ability to deploy, manage and move their applications to and from any cloud, at any time. - Unmatched agility and flexibility: Allows customers who have adopted microservice architectures to run their database next to their application, reducing the DevOps cycle and decreasing time to market. Be the rightful owner of your creativity before some else commercially owns it. The knowledge of IPR is the key to professional success in the world that competes with commercial creativity.

The Indian Ocean Nodule Field

Principles and Protocols

Lasers and Optoelectronics

Catalog of Copyright Entries. Third Series

Autonomously Run and Manage a Complex Distributed Database on Kubernetes

Successful IoT Device/Edge and Platform Security Deployment

Value creation is a prime concern for any contemporary business. This can be accomplished through the incorporation of various techniques and processes, such as the integration of analytics to improve business functions. Applying Predictive Analytics Within the Service Sector is a pivotal reference source for the latest innovative perspectives on the incorporation of analysis techniques to enhance business performance. Examining a wide range of relevant topics, such as alternative clustering, recommender systems, and social media tools, this book is ideally designed for researchers, academics, students, professionals, and practitioners seeking scholarly material on business improvement in the service industry.

Just as WASPs, Irish-Catholics and Our Crowd Jews once made the ascent from immigrants to powerbrokers, it is now the Indian-American's turn. Citigroup, PepsiCo and Mastercard are just a handful of the Fortune 500 companies led by a group known as the "Twice Blessed." Yet little is known about how these Indian emigres (and children of emigres) rose through the ranks. Until now... The collapse of the Galleon Group--a hedge fund that managed more than \$7 billion in assets--from criminal charges of insider trading was a sensational case that pitted prosecutor Preet Bharara, himself the son of Indian immigrants, against the best and brightest of the South Asian business community. At the center of the case was self-described King of Kings, Galleon's founder Raj Rajaratnam, a Sri-Lankan-born, Wharton-educated billionaire. But the most shocking allegation was that the éminence

grise of Indian business, Rajat Gupta, was Rajaratnam's accomplice and mole. If not for Gupta's nose-to-the-grindstone rise to head up McKinsey & Co and a position on the Goldman Sachs board, men like Rajaratnam would have never made it to the top of America's moneyed elite. Author Anita Raghavan criss-crosses the globe from Wall Street boardrooms to Delhi's Indian Institute of Technology as she uncovers the secrets of this subculture--an incredible tale of triumph, temptation and tragedy.

Reviews and describes both the fundamental and practical design procedures for the ultimate limit state design of ductile steel plated structures The new edition of this well-established reference reviews and describes both fundamentals and practical design procedures for steel plated structures. The derivation of the basic mathematical expressions is presented together with a thorough discussion of the assumptions and the validity of the underlying expressions and solution methods. Furthermore, this book is also an easily accessed design tool, which facilitates learning by applying the concepts of the limit states for practice using a set of computer programs, which can be downloaded. Ultimate Limit State Design of Steel Plated Structures provides expert guidance on mechanical model test results as well as nonlinear finite element solutions, sophisticated design methodologies useful for practitioners in industries or research institutions, and selected methods for accurate and efficient analyses of nonlinear behavior of steel plated structures both up to and after the ultimate strength is reached. Covers recent advances and developments in the field Includes new topics on constitutive equations of steels, test database associated with low/elevated temperature, and strain rates Includes a new chapter on a semi-analytical method Supported by a companion website with illustrative example data sheets Provides results for existing mechanical model tests Offers a thorough discussion of assumptions and the validity of underlying expressions and solution methods Designed as both a textbook and a handy reference, Ultimate Limit State Design of Steel Plated Structures, Second Edition is well suited to teachers and university students who are approaching the limit state design technology of steel plated structures for the first time. It also meets the needs of structural designers or researchers who are involved in civil, marine, and mechanical engineering as well as offshore engineering and naval architecture.

Forages and Fodder: Indian Perspective

Indian Economy [NIRMA University]

Geology and Resource Potential

Solar Drying Systems

Ultimate Limit State Analysis and Design of Plated Structures

Board of Trade of Thailand's Export & Import Directory, 1992-1993

Barring a few like Athens, Rome, Istanbul, Jerusalem and Damascus, not many big cities of modern world can boast of a 2500 year old history behind them. This book is a saga of the 2500 year long journey of Patna, its rise, decline and how she rose once again from a small port hamlet Patna during Buddha to a fortress city at the time of great Magadhan king Ajatshatru which was later passed on to

Chandragupta Maurya who converted this city into a marvelous magic in wood and brick with elegant palaces gates and watchtowers. Then came Ashoka who created the magnificent sixty-four pillared Mauryan Hall and a palace. This book takes you on the journey of this city from Ajastshatru to the Guptas to Shershahand Mirquassim to the Dutch and The British crown who all contributed and created something to make this city become a great city of artisanship culture, knowledge and art. This book is also about the people of Patna, its hotels, restaurants, movie halls and so on. But the sad part is Patna lost most of its iconic sprawling bungalows that were adorned by front lawns or gardens to earthquakes or building booms and in the present time the pace of this loss has gained speed. This book is also a story of the pain of this city...what Patna has lost in this great journey. Sometimes I see Patna as an ageing grandmother, who one by one bids adeu to her children and grandchildren leaving her; standing alone in her front porch .

Break down the misconceptions of the Internet of Things by examining the different security building blocks available in Intel Architecture (IA) based IoT platforms. This open access book reviews the threat pyramid, secure boot, chain of trust, and the SW stack leading up to defense-in-depth. The IoT presents unique challenges in implementing security and Intel has both CPU and Isolated Security Engine capabilities to simplify it. This book explores the challenges to secure these devices to make them immune to different threats originating from within and outside the network. The requirements and robustness rules to protect the assets vary greatly and there is no single blanket solution approach to implement security. Demystifying Internet of Things Security provides clarity to industry professionals and provides an overview of different security solutions What You'll Learn Secure devices, immunizing them against different threats originating from inside and outside the network Gather an overview of the different security building blocks available in Intel Architecture (IA) based IoT platforms Understand the threat pyramid, secure boot, chain of trust, and the software stack leading up to defense-in-depth Who This Book Is For Strategists, developers, architects, and managers in the embedded and Internet of Things (IoT) space trying to understand and implement the security in the IoT devices/platforms.

Indian Economy [NIRMA University]

1972: January-June

Indian Economy, 72nd Edition

Fundamentals of Polymer Engineering, Third Edition

Miscellania

Health & Harmony Through Ayurveda

Biochemical Tests

This book discusses the current trends in luxury and jewelry and presents how to make these sustainable for a better future. In the age of sustainability, we increasingly see how designers and consumers begin to think beyond a product's look&feel and operation, and are especially concerned about what has happened during its manufacturing process and what will happen once its useful life comes to an end. Today, consumers value that every industrial product and process should be sustainable, beneficial for the people, the economy and the planet, and so is the case for jewelry.

Index of Patents Issued from the United States Patent and Trademark Office