

Attachable panties that promotes safety and attachable absorbency panels

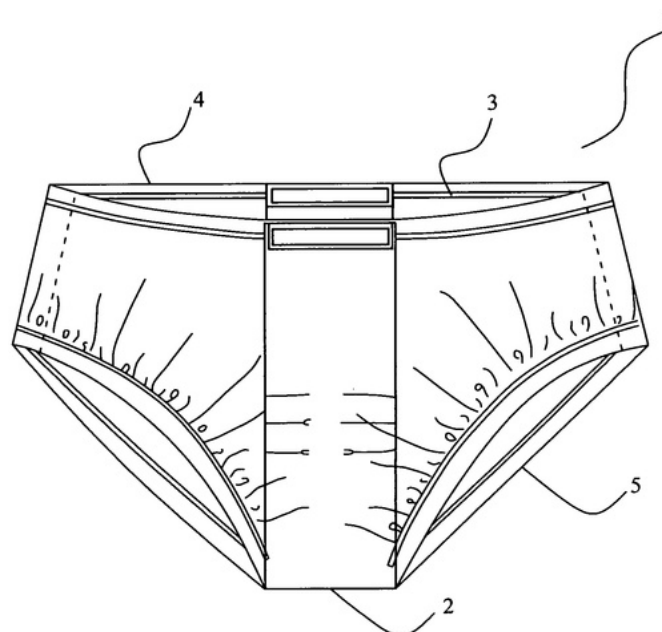
Patent #: US20200305515

Publication date: 2020-10-01

Applicant(s): BRADLEY SENWEE

Inventor: BRADLEY SENWEE

A sanitary underwear with a detachably attachable organic pad is illustrated. The underwear comprises a side fastener having one-piece adjustable organic pad extending from the front center belly button and passing through the center of the middle crotch area up to the back center to the waistband. The underwear with the organic pad is enabled to absorb leaks, perspiration, menstrual fluids, urinary, and rectum discharges. The underwear promotes fair wages and trade. The organic pad is made of organic cotton, hemp, bamboo, organic terry cloth, jute and any combination thereof. The underwear provides a plurality of benefits including a reduced risk of carcinogens caused by harmful pesticides and chemicals, promotion of sustainable environment, eco-friendliness, enhancement of social responsibility, restricted use of dyes releasing carcinogens, reduced risk of falls and injuries during donning and doffing of the undergarment.



Disposable undergarments and hygiene articles

Patent #: DE202020000757

Publication date: 2020-08-20

Applicant(s): RUBNER MARILEN

Inventor: RUBNER MARILEN

Disposable undergarments and hygiene articles (such as sanitary napkins and liners) - made of sustainable materials which can be composted to 100%. primarily for older people (cur/hospital/hotel...) who require this undergarment. but also, all age... The hygiene articles are essentially characterized in that only compostable material is to be used.

Natural, regenerated, sustainable fabric and method

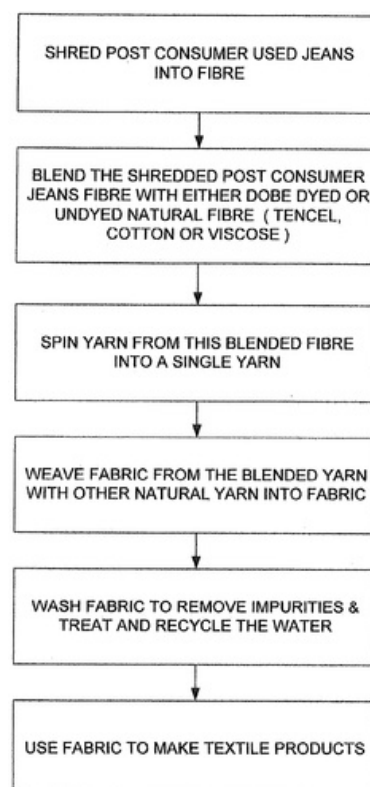
Patent #: US20210017679

Publication date: 2021-01-21

Applicant(s): PODDAR MAHENDRA

Inventor: PODDAR MAHENDRA

A natural, regenerated, sustainable fabric is fabricated of a primary yarn and a secondary yarn. The primary yarn is twisted from shredded recycled jeans and natural fibres. The secondary yarn includes natural fibres. The primary and secondary yarns are woven to constitute a warp yarn and a weft yarn of the fabric. The method of producing the fabric includes the steps of shredding post consumer used jeans into fibre, blending the shredded post consumer jeans fibre with either dobe dyed or undyed natural fibre, the fibre selected from the class of fibres including Tencel®, cotton, and viscose, spinning yarn from this blended fibre into a single yarn, weaving fabric from the blended yarn with other natural yard into fabric, washing the fabric to remove impurities and treating and recycling the water, and using the fabric to make textile products.



Systems and methods for end-to-end article management

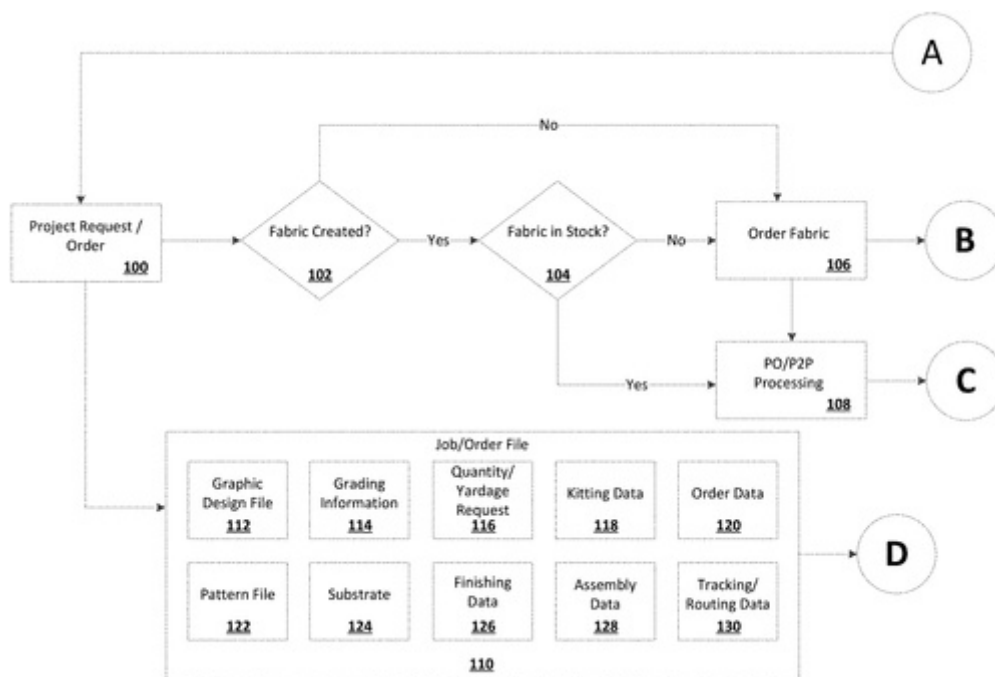
Patent #: US20200157722

Publication date: 2020-05-21

Applicant(s): THE NORTH FACE

Inventor: PAGE GRAHAM, PEREZ ANTHONY, DIETZ ANGELIQUE, ROGERS CHARLES, AGHANOURI ABOLFAZL, GOPARAJU SUBRA, BALABANOV DEMITRI

Systems and methods are described for managing articles. The systems and methods described herein may comprise an example method for manufacturing an article. The systems and methods provide an end-to-end manufacturing value chain as a closed system and feedback loop.



Ecological footwear elaborated from recycled plastic fibers and recycled or disposal organic material, product and process

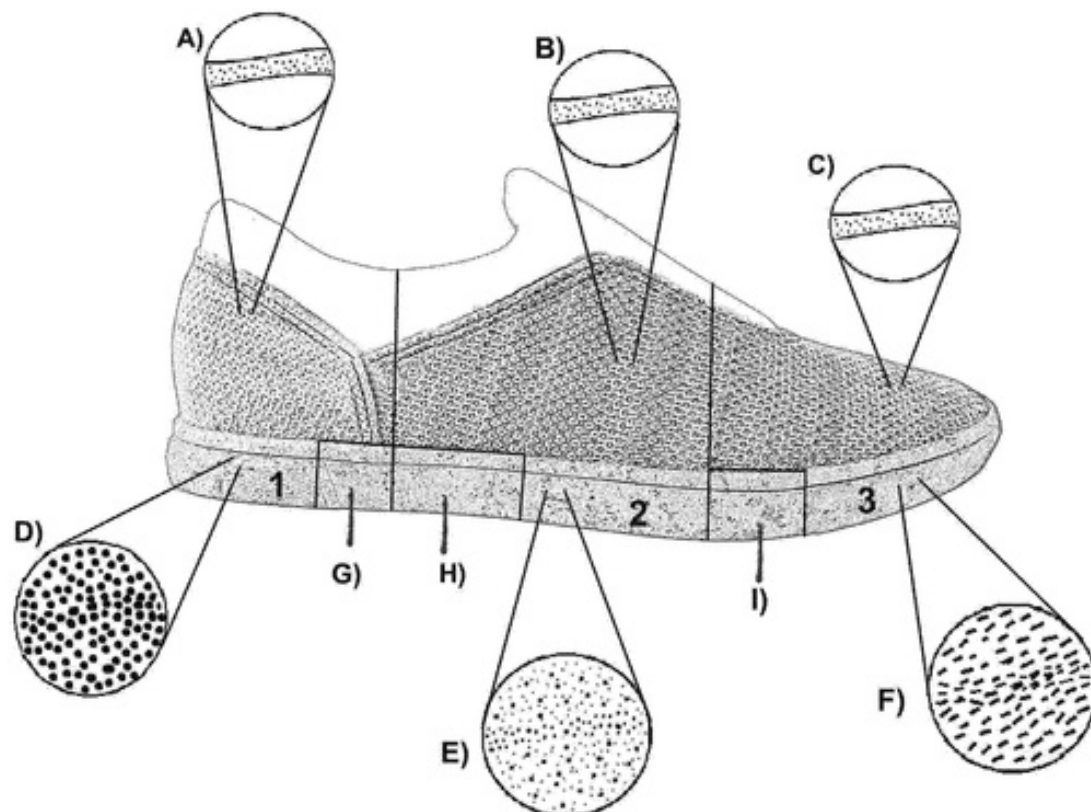
Patent #: US20200305540

Publication date: 2020-10-01

Applicant(s): CASTRO RAMOS JORGE EMMANUEL

Inventor: CASTRO RAMOS JORGE EMMANUEL

Process for obtaining ecological footwear using recycled or waste organic materials for the production thereof, particularly materials such as sargassum, coffee waste, and agave bagasse and using solvent-free water-based adhesives, therefore friendly to atmosphere. The process includes assembling the footwear with woven fabrics and non-woven polyester fabrics obtained from fibers that are produced with bottle flakes and postindustrial recycled material of the same polymer, in addition to including the thread and laces made with filaments obtained from the same recycled nature, and incorporating the sole and details with a percentage of recycled polyester plastic bottles, sargassum, coffee waste, and pulverized agave gabazo used as an inert load, so the footwear presented has a recycled polyester content, Sargassum, coffee residues and agave gabazo between 5 and 90% in weigh.



Recyclable structurally-colored structures and articles, and methods of recycling structures and articles

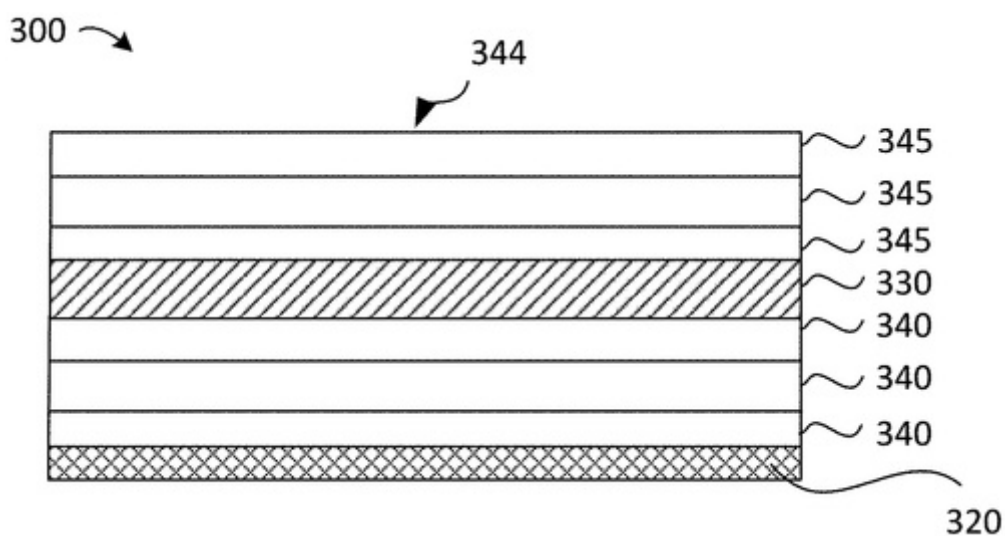
Patent #: US20200305526

Publication date: 2020-10-01

Applicant(s): NIKE

Inventor: GANTZ JEREMY, WANG YUANMIN

In one aspect, an article has a structure comprising a recycled composition comprising optical elements and fragments, which has an optical property value (e.g., visible light transmittance or reflectance) that is within 10% of the optical property value of a similar structure without the optical elements or fragments. Other aspects include a recyclable structurally-colored component or article, as well as methods of recycling structurally-colored articles.



Marker for objects that indicates the degree of release into the environment of elements that are difficult or slow to biodegrade (harmful elements)

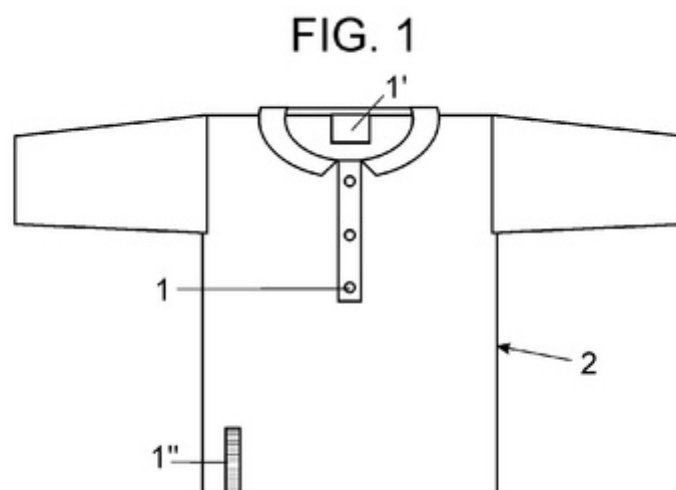
Patent #: WO2020/201600

Publication date: 2020-10-08

Applicant(s): AUGUSTO BELLINI, NAYCO MAN

Inventor: COSTA BOTEY JOSÉ MARÍA

The invention relates to a marker for objects that indicates the degree of release into the environment of elements that are difficult or slow to biodegrade (harmful elements), which consists of an element (1, 1', 1'') having a structure that ostensibly modifies its appearance at a rate in accordance with the wear of the fabric of a garment (2) for which it is intended, alerting the user. The element is a button (1) or a tag (1') comprising two different looking layers, a superficial layer (11) and a central or bottom layer (12), the external layer (11) being "wearable" and disappearing at a rate in accordance with the fabric of the garment (2). In another embodiment, the element is stitching (1'') consisting of a "wearable" thread that disappears at a rate in accordance with the deterioration of the fabric of the garment (2) for which it is intended.



Disposable fingertip consisting of environmentally friendly cardboard or paper for improving hygiene when using public release buttons and keyboards

Patent #: DE202020001472

Publication date: 2020-06-18

Applicant(s): BAHR JENS OLIVER

Inventor: BAHR JENS OLIVER

The one-way groove is characterized in that it forms a thin-walled, cylindrical hollow body which is closed on one side and the internal volume of which can be changed by special shaping of the side wall.

