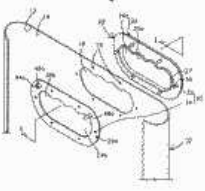
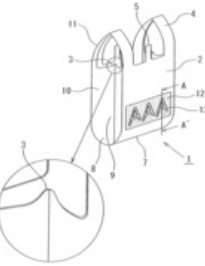
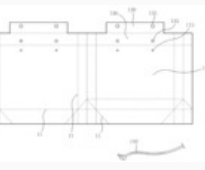
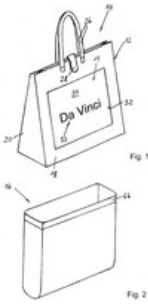
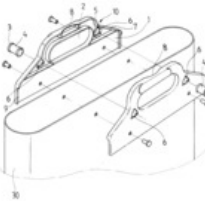
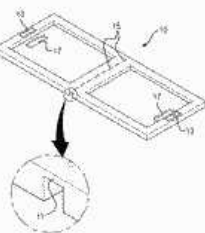
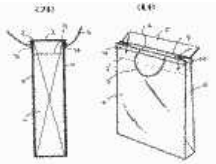
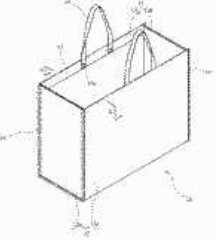
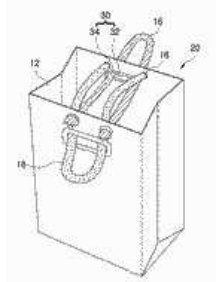
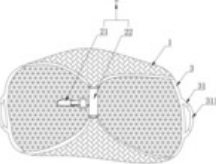
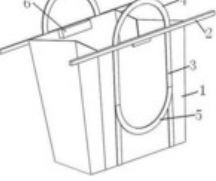
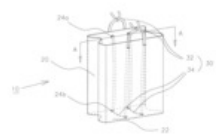
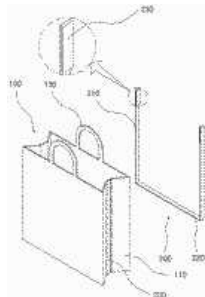
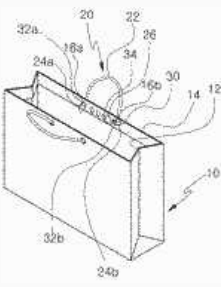
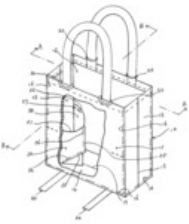
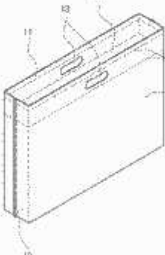
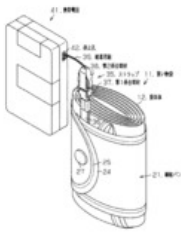
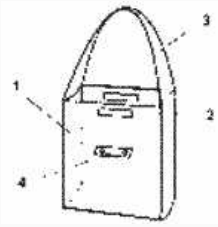
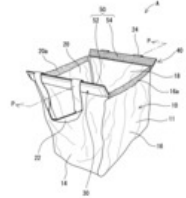
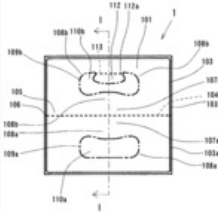
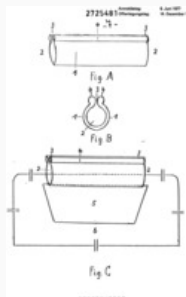
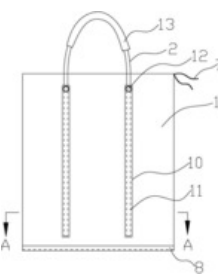
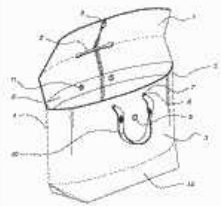
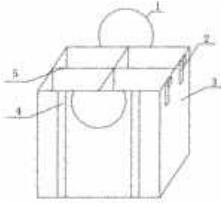
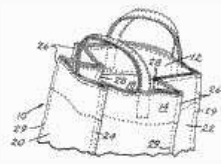
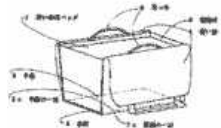
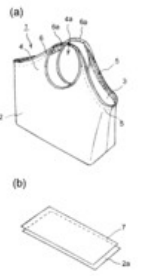
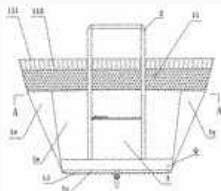


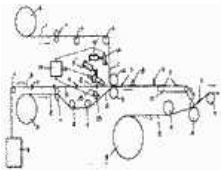
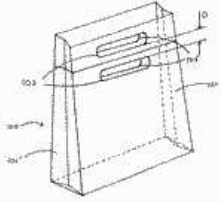
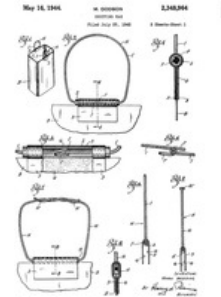
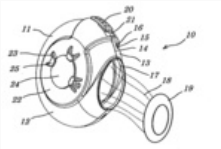
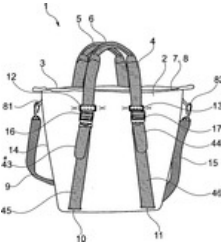
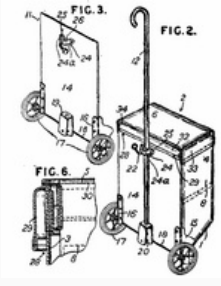
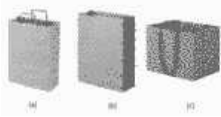
Patent families - 98 results						
#	 	Title	Publication number	Publ. date	Applicant/Assignee	
1.		Shopping bag handle structure	KR19980058363	1998-10-26	KIM, MONG-BOK	100 %
The present invention relates to improve the assembling operability of the handle member and grip the edge of the insertion hole so that the strength of the surface during use to prevent breakage of the handle of a shopping bag so as to be directed to the use of the structure. Such a handle (24a, 24b) designed for the holes 1 are formed at the first and second handle members (22a, 22b) 2 consisting of a main body (20) and a handle, the handle member 2 and second 1 (22a, 22b) for detachably attaching the side walls of the (16) shopping (10) bag to be coupled to the coupling protrusions (32) are engaged with the fixing holes of the (34) members to be (30) bonded with the, the handle of the shopping bag can be easily assembled on the cost of production can be reduced effect, to prevent the spread of the opening of the shopping bag and also to reinforce the edge surface of the handle insertion hole so that the users can conveniently use the effect of the invention. [Index] Shopping bags, handle, member, grasping, engaging, coupling hole						
						
2.		Shopping bag made of nonwoven fabric	EP2335512	2011-06-22	AXIS	81 %
A shopping bag made of nonwoven fabric comprising: a lower part (8) which has a bottom (7) that is capable of closing and stretching linearly; right and left sides (10) that are folded inward with a gusset (9); and an upper part (11) forming a pair of folded broad handles (4); wherein at least a surface of the shopping bag is made of polyolefin nonwoven fabric, and at each of the right and left sides of the bag, two corners are heat-sealed at a tie together point extending in a longitudinal direction, and at the top of the each heat-sealed part, an ear part (3) extending upward from the upper edge of the sides of the bag is formed and the upper edge of the ear part is shaped like a bent convex curve, and a part from the side edge of the ear part to the upper edge of each side of the bag is shaped like a bent concave curve.						
						
3.		Handle area reinforcing structure for shopping bag	KR200483569	2017-05-31	BIJU PRINTING	80 %
This invention relates to a handle of a shopping bag for reinforcing the structure thereof, the body (110) containing the contents; provided along the top edge of the (110) body and, integral with the rim of the body (110) where they are overlapped (120); and, extending from the top of the rim of the overlapping portion (120), integral with the frame reinforcement part (130) where they are overlapped (120); and configured to, the reinforcing part (130), wherein the edge of the inner surface of the (110) body portion patterns (120) are sequentially folded toward the upper portion (110) of the body while being overlaid on the rim, the top edge of the main body (110) 1 that passes through the handle is (140) punctured and installing (115) the handle, the handle is (140) overlapped (120) edges of the handle 2 that passes through the perforated installing (125), superimposed on the upper edge of the main (110) body when said first installing (115) the same place with the handle 1 is located in the, wherein the reinforcement portion is provided with a (130) handle (140) 3 that passes through the perforated handle installing (135), superimposed on the upper edge of the main (110) body when said first handle 1 installing (115) the same in position features.						
						
4.		Combination from a tote bag and a pocket grain by folding and bonding of paper produced shopping bag, and carry bag for combination with such a shopping bag	DE102017011264	2019-06-13	CLAUSNITZER KAI	80 %
A combination (10) according to the invention and a through folds bags bag (12) manufactured shopping bag (14), gluing paper and for such a combination suitable welds (12). The inventive bag combination (10) characterized in, that the shopping bag (14) within the bag (12) is disposed, that carry bag (12) at least one side wall (18) a window (36) of transparent material and (34) at least a part of an outer surface of the shopping bag (14) through the viewing window (36) is visible from the outside.						
						
5.		Shopping bag usable for vegetable garden flowerpot	KR20130005771	2013-10-07	JO Jung_Lim	79 %
This invention relates to a composition that can be utilized as a garden field shopping bag pollen, in other words shopping bag recycling of a garden field composition is intended to provide a pot. The present invention relates to a garden field according to the shopping bag (1) is used as a pot, a bottom (10) side portion of (20) the circumference of the object by combining the inner space (2) into the upper portion of the object to form an entrance for (3), and also attached to said handle (30), the foldable flexible sheet formed as a shopping bag, wherein the side portion of the (20) soil (4) when filling the interior space of the (2) overall framework holds the foldable reinforcing (40) plate is attached to a surface, the drain hole (11) are formed in the bottom (10) part which is characterized in that it.						
6.		A shopping bag with a handle has lock ability	KR200327443	2003-09-26	Hanjongdeuk	79 %
Is. In the claims designed as described in the art. The present invention relates to a disposable shopping bag being used, in particular with recycling of the handle so that the locking function and ease of use and ease of manufacture of the present invention has. Or. Is designed to solve the technical problem. In a conventional shopping bag handle only noise disposable emphasize only the load by means of a number of receiving an article being damaged when the molding has been recently by separately coupled to an upper end of the handle of a shopping bag while shopping bag is that the use of such separate processes may be required in combination with the handle of the shopping bag is also under its own weight to open the has been a problem. The present invention. The gist of the solution of the design. Thus the present invention relates to such a handle and is easily assembled, the handle also functions as the locking function and locking function at the same time so that the handle of the present invention. As. An important application of the design. The handle of a shopping bag.						
						
7.		Shopping bag-pad having a portable case function	KR200387523	2005-06-17	KIM, SUN-MIN	79 %
A portable case having the function of the present invention comprises a shopping bag relates to a pedestal, and accommodated in the space formed on top of the shopping bag handle is attached to the bottom of the accommodation space provided in the lower end of a shopping bag reinforced shopping bag in the pedestal, the pedestal is open on both sides of the shopping bag accommodating space is formed in the upper portion, and the folded portion is formed at the center, as the magnet is provided on the upper side of both ends of the ties on the folds of the folding case as the magnets are attached to each other by being used in the preferred embodiment of the invention. According to the present invention relates to a portable case which has the function of a shopping bag or shopping bag storage pedestal when the portable shopping bag when empty state in the interior of the pedestal to the folded shopping bag receiving space formed therein to be put in a shopping bag easily stored and portable shopping bag as a storage container that can be effect.						
						

8.	Handguard equipment of shopping bag	KR19980054684	1998-10-07	SONE, Hyunguk YOU, JUNG JA	79 %	
The present invention relates to a closure device of conventional shopping bag made of paper or synthetic resin coated paper, synthetic resin film or a shopping bag opening is formed in a peripheral portion of the reinforcing piece is attached to an eyelet in the handle and the handle for opening and adhered to the bag every string or an adhesive resin does not cover the exposed while the contents of which are problematic. This invention relates to a shopping bag unlike that of a conventional four side plates extending the length of the bag (1) (a) (b) (c) (d) an opening into a separate reinforcement or reinforcement of the adhesive reinforcing piece extending from the handle side (a) (b) as forming the sheath when the article containing the opening without tearing the bag containing the articles inserted into the opening shape of the lid M snugly cover may cover a shopping bag structure formed by a large amount of an automated machine operation may be distributed in the production of the present invention.						
9.	Shopping bag	KR200415862	2006-05-10	YANG HYUN	79 %	
The present invention relates to a shopping bag, typically formed of paper, a shopping bag (10) front, rear, integrally formed on a bottom surface 1 (11a) and a second endothelial cells, endothelial cells (11a) the first end 1 attached to both sides of the fixed side of the shopping (10) bag (11b) making a 2 composed of endothelial cells and endothelial cells (11); 1 (11a) the endothelium, 2 (11b) on the outer surface of the first endothelial cells by means of an adhesive 1 in which an entire outer shell (12a) paper, 2 (12b) consists of a first shell, the shell (12) is formed with a distal end of the suede; handle is made of a nylon strap (15); sheath (12a) 1 wherein 1 (11a) is longer than the first and endothelial cells, endothelial cells that the upper end opposed to each other (11a) of the upper end 1 of the folded inwards and adhesively fixed to the front of the shopping (10) bag, the inside of the back surface of the reinforcing portion (13) formed at the upper end and; handles (15) the both ends of the reinforcing section (13) provided to fix the rods; shopping (10) bag characterized in that the edge portion of the first and second shells 2 2 (11b) endothelial cells (12b) of a corresponding end of the first four (11a) 1 2 of the first and second inner sheath (12b) the lateral end of the wrapped rod such (14) as a nylon material and the reinforcement of; the fixed end of the rod handles (15) the central region (16a) is implemented (16b) of the male snap fastener further comprises a shopping bag was provided. Therefore, the joint is omitted and the bottom surface of the shopping (10) bag inside the shopping (10) bag containing a large amount of goods that its bottom surface need not easily burst, such as a (14) shopping (10) bag made of nylon or the edge of the rim of a shopping (10) bag so that the reinforcing bar is rigidly joined to a reinforcing material such (14) as nylon and the rim of the worn or torn easily and securely prevented, shoppingbag (10) inside the upper end of the suede cloth and reinforced by a reinforcing portion (13) is (13) formed at both ends of the handles (15) are firmly fixed and the rods are made of nylon at the top of the shopping (10) bag handles (15) since it is not to be readily separated or disconnected, suede leather sheath (12) having a distal end of the feel of the bag so as to form a feeling and can in this way, such as a shopping (10) bag made of a beautiful appearance of the advantages.						
10.	Shopping bag	KR20110001147	2011-02-08	YOOK EUN	79 %	
This invention relates to a rectangular shape whose upper opening (12) is formed of paper or synthetic resin material and a shopping bag body (20), the opening of the (12) shopping bag body (20) adjacent to the front and back sides of the body (20) is formed at the center 2 of the aft side 2 is formed with two holes (14), each hole in the (14) riveting of the rivet (18) shaped O- (Riveting), wherein the handle is connected to the inverted citron shape through the rivet (18) serving as a handle (16) of a shopping bag with a back side, adjacent to the rivet (18), the back side of the inverted so that the handle (16) is inserted to intersect with each shopping bag handle insertion portion (30) formed in the body (20) further comprises a back side, the hand insertion portion (30) of the handle in the form of an oval open (32) hole and is fitted, is inserted in the vicinity of the open (32) hole edge (34) reinforcement including a handle to carry shopping bags in accordance with, while distributing the load of the receiving opening of the upper receiving container is closed to provide stability for the delivery of water. Also inserted in the back side of the handle (16) and the handle reinforcement of (30) some or all of the periphery of (34) each of the colors can be different, have the effect of beautiful appearance.						
11.	Shopping bag	CN109875208	2019-06-14	DENG SHAN	78 %	
The embodiment of the invention discloses a shopping bag. The shopping bag includes a braiding body and a key chain assembly mounted on the braiding body. The braiding body is the braiding body including several ventilation grids, a reinforcing band is fixedly connected with the silhouette edge of the braiding body, two hand-held rings are integrally formed on the reinforcing band, and the two hand-held rings are opposite to each other; The key chain assembly includes a key chain and a connector, the key chain is installed on the connector, the connector is arranged on the upper portion of an object placement region of the braiding body, and the two ends of the connector are fixedly connected with the silhouette edge of the braiding body on the corresponding side, wherein a connection line of the two connection portions of the braiding body and a connection line of the two hand-held rings are staggered in a cross shape. The shopping bag can serve as a normal shopping bag and a key chain hanging rope, when the braiding body stretches, the shopping bag can serve as the normal shopping bag, when the braiding body is folded, the shopping bag can be combined with a connector, a telescopic sleeve and the key chain to form a hanging rope key chain, and it is convenient for users to carry the shopping bag with themselves.						
12.	Shopping bag with recording function	CN105725417	2016-07-06	LIU JINJIE	78 %	
The invention discloses a shopping bag with the recording function. The shopping bag comprises a bag body, shopping cart fixing parts and handle parts, wherein the shopping cart fixing parts and the handle parts are arranged outside the bag body and are close to the mouth of the bag body; the shopping cart fixing parts are used for fixing the mouth of the shopping bag on a shopping cart in an open manner. The shopping bag also comprises a code scanner, a data storage unit, a processor and a data transmitter, wherein the code scanner is arranged on the bag body; the processor is connected with the code scanner, the data storage unit and the data transmitter respectively; the bag body is made of grids. The shopping bag can be used for recording the brought goods while shopping, so that counting and collection can be implemented without taking out the goods in the shopping bag during cashing out; therefore the shopping bag is convenient and efficient. The grid shopping bag is easy to dry, has smaller volume after folding and has the advantages of portability and easiness in keeping clean.						
13.	The shopping bag where the reinforcement belt which became accomplished with the handle and is formed	KR19990011891	1999-03-25	Jeong Si Hwa	78 %	
This invention relates to support the weight of the goods stored therein so that the handle is formed integrally with the reinforcing band to a more robust and can be used as long as a handle so formed integral with the reinforcing belt as a shopping bag, the present invention comprises, consists of paper and vinyl material within a body accommodating the (20) goods and, wherein the (20) main body of the bottom surface and (22) a plurality of recesses (24) formed at both sides of the groove (24) and the inner and outer surface of the body through (20) the bottom of the insert so that the cross within the main body (20) at both ends on both sides of the wall of the upper body (20) supporting the main body (20) and configured to form a handle of the (32) reinforcing strip (30) is composed of, in the interior of the article bearing the reinforcement strips (30) are stored so that the reinforcement strips (30) are integral with the handle (32) of the shopping (10) bag from being formed characterized in that it. In addition, the body is arranged (20), so that the inner bottom face of the reinforcing plate may be provided. Thus, according to the present design, an article stored therein more effectively supporting the reinforcing belt is formed with a simple structure and low cost by providing a reusable shopping bag has the advantages that may be present.						

14.	Shopping bag with reinforcing band	KR20140069760	2014-06-10	YANG, SU YEONG	77 %	
The present invention relates to a shopping bag with a reinforcing band, and more specifically, to a shopping bag with a reinforcing band, wherein the reinforcing band is formed on the side and bottom of the shopping bag to improve supporting force. A body is open on the top, has a space for accommodating articles, has a side groove and a bottom groove on the side and the bottom, respectively. The reinforcing band is attached to the side groove and the bottom groove and improves supporting force, improves the strength of the body, and endures the weight of articles contained in the body, and enables the body to be recycled.						
15.	Shopping bag with feature adjustable length function	KR200465791	2013-03-12	JUNG, Yu-Chul	77 %	
The present invention relates to control the length without being exposed to the outside can be adjusted in length to a shopping bag having a function of, the weight of the contents of a job to be able to withstand the backbone to the light white hand configured between the reinforcing paper white hand through the knot tying region to catch for a separate action backhanded simply without a predetermined portion of the fitting (kwvreyinsle reducing) only about the operation of the body of the user (customer) to meet the conditions convenient and sophisticated functions can be adjusted to provide the length. To accomplish this bag for the present invention relates to an open top to the inside of the upper part of the receiving portion of (12) the (10) backbone (inside) the folded into the regular folds (14) and going through the receiving portion (12) can withstand the weight of the contents between the reinforcement is interrupted and the (30), and a storage portion (12) of the (10) backbone of the (30) folds (14) are reinforced and at the same location (16a) passing through the handle (16b) of both the bond ball for white hand grip (20) (24a) each of which is associated with a knot (24b) kwvreyinsle being separated by a conventional binding processing in the shopping bag, wherein the reinforcing white hand is not (30) one of reducing the pulling job (20) site (26) without being exposed to the outside of the embedded length can be controlled so that the handle (32a) (32b) of both the bond ball around the length of the perforated shrink ball (34) alone or with a plurality of longitudinal shrink ball (34) corresponding to the groove (36) is cut downward is formed handle technical features.						
16.	Shopping bag	JP4209930	2008-10-31	TSUCHIYA TSCO	77 %	
PROBLEM TO BE SOLVED: To provide an earth-conscious shopping bag capable of improving the convenience, storage property and carrying property as the shopping bag, longitudinally dividedly storing articles in the bag according to the types and characteristics of the articles, taking the place of the conventional paper bags and vinyl bags, and surely contributing to the waste reduction. SOLUTION: This shopping bag 1 whose basic structure is a bag body 10 having handles 20 at its upper end of a bottomed rectangular column body is characterized in attaching straps 40 for partially reinforcing a base part 14 and folding and downsizing the bag body 10, to the outside base part 14, rings 30 and 30 for passing the straps 40 at the left/right root parts of the handles, and deformable partitions 50 to the insides of the side faces 13 of the bag body 10 to secure longitudinal separation spaces. COPYRIGHT: (C)2009,JPO&INPIT						
17.	Shopping bag	KR101329776	2013-11-15	WOO JU SUN	77 %	
The present invention relates to a shopping bag of a nonwoven fabric for storing purchased items and, in particular, to a shopping bag for items capable of being mass-produced in a short time because a shopping bag is completed rapidly and conveniently by folding a cut fabric and bonding both ends with ultrasonic wave heating. The shopping bag for items is characterized in that the lower part of a rectangularly cut fabric (10) is folded in the shape of W, that a first bonding part (11) is formed above the folded fabric (10) by folding and heating with ultrasonic waves the cut fabric, that a bag with an open top is formed by forming a second bonding part (12) on both ends of the fabric (10) with ultrasonic wave heating, and that a perforating handle hole (13) is formed in the middle of the upper part of the fabric (10). COPYRIGHT KIPO 2014						
18.	Shopping bag	JP3156026	2009-11-18	TAKOH	77 %	
PROBLEM TO BE SOLVED: When going shopping, to prevent the forgetting of the shopping bag can be provided. SOLUTION: A shopping bag or folded into a roll 11 fastening band 21 coupled to the strap 35 of the binder strap 39 by, a shopping bag or 11 mobile phone 41 concatenates. Strap 35 first 1 engagement member 37 first 2 engagement member 38 is detachably and therefore, the first 1 engagement member 37 from 2 engagement member 38 has been detached, the mobile phone 41 locking hole 42 to the binder strap 39 to allow insertion of the tip, the binder in the form of a loop cord drawn 39 to the distal end of the first 2 engagement member 38 by passing, the mobile phone 41 to the binder strap 39 can be easily engaged. SELECTED DRAWING: Fig. 1						

6/7/2020						
19.	Degradable shopping bag	CN202653374	2013-01-09	SHANDONG ECO BENIGN PLASTICS TECHNOLOGY	77 %	
The utility model discloses a degradable shopping bag, which comprises a bag body, two lifting handles and a strap, wherein the strap is an integral closed endless strap, extends to a part above a bag opening from the bottom of the bag body towards the two sides of the bag body, and is adhered to the bottom and two sides of the bag body. The shopping bag can be lifted and carried; and an oxidatively-biologically degradable plastic thin film is adopted for the whole shopping bag, and the shopping bag can be naturally degraded when discarded after being used, so that white pollution caused by the use of a plastic bag is reduced.						
20.	Shopping bag	JP3142200	2008-05-14	MARUTATSU	76 %	
PROBLEM TO BE SOLVED: Merchandise checkout counter register in the translated into a shopping bag or basket installed in a first in, rejikago to be easily installed, and, when the bag opening is closed and a cord member such as a shopping bag will not pose an obstacle is provided. SOLUTION: A the shopping bag is, the bag body 10 and, the handle portion 22, 24 and, the bag body 10 is, bladder 11 and, the stiffening portion 30, 40 and, the removable portion 50 and, the stiffening portion 30, 40 is, plate portion is provided, and the right 16 and the left side surface 20 an upper end, a sleeve-shaped section 16a, 20a formed, rubber or the like inside the elastic member is provided. In addition, the stiffening portion 30 inside the loop tape 52 is provided, the stiffening portion 40 inside of the hook tape 54 is provided. SELECTED DRAWING: Fig. 1						
21.	Reinforcing sheet material for shopping bag, shopping bag using the same, and reinforcing method for shopping bag	JP2005059861	2005-03-10	SANWA RESIN KOGYO SEKISUI PLASTICS	76 %	
PROBLEM TO BE SOLVED: To provide a shopping bag, which prevents the soiling of an article when the article is put in or taken out of the bag, is sealed securely, is unsealed easily, and is suitable for use as a cold insulating bag for perishable foods or the like. SOLUTION: A reinforcing sheet material 1 is used for the bag 2, which has an opening 202 on the upper end thereof, and a pair of counter handle holes 206, 207, which are formed on side faces 204, 205 on the upper part of the bag 2, respectively. The reinforcing sheet material 1 is at least composed of a sheet base material 101 and a binder layer 102 on which the sheet base material 101 is attached. The reinforcing sheet material 1 comprises mouth sealing parts 107a, 107b, which are folded back at the opening 202 and are attached on the side faces 204, 205, respectively, to seal at least a part of the opening 202 from outside on the bag upper part 203, a pair of peripheral edge reinforcing parts 108a, 108b, which are continuous with the mouth sealing parts 107a, 107b and are formed in correspond to the peripheral shape of the handle holes 206, 207, respectively, and handle hole forming parts 110a, 110b, which has cut lines 109a, 109b continuous with the peripheral edge reinforcing parts 108a, 108b and in correspond to the peripheral shape of the peripheral edge reinforcing parts 108a, 108b, respectively. COPYRIGHT: (C)2005,JPO&NCIP						
22.	Shopping bag capable of achieving self-service shopping	CN105595568	2016-05-25	LI WEILU	76 %	
The invention discloses a shopping bag capable of achieving self-service shopping. The shopping bag comprises a bag body, a shopping cart fixing portion and a handle portion. The shopping cart fixing portion and the handle portion are arranged outside the bag body and close to a bag opening of the bag body. The shopping cart fixing portion is used for fixing the bag opening of the shopping bag to a shopping cart in an opening mode. The shopping bag further comprises a vibration sensor, a data storage device, a processor, an input and output device and a wireless transmitting and receiving device. The vibration sensor is arranged inside the bag body. The processor is further connected with the vibration sensor, the data storage device, the input and output device and the wireless transmitting and receiving device. Purchased objects can be recorded while shopping, the purchased objects do not need to be taken out for counting on a cashier desk when a user pays an order, an order can be submitted to a cloud service computer through the shopping bag directly, the order cost can be paid through a mobile terminal, time consumed for clearing away the objects and the trouble caused when it takes a long time to queue up for paying the account for the purchased objects are eliminated.						
23.	Plastics shopping bag or carrier with elastic handle - which is of longitudinally slit tubular profile with reinforcing bead along the edges of the slot	DE2725481	1978-12-14	KIRSTEN RUDOLF	76 %	
Carrying handle for a plastics shopping bag or carrier is an elastic hollow profile, open at both ends and with a slot from one end to the other. The profile thus resembles a tube slit open along its length, whilst its cross-section can be described as approx. "U"-shaped, with the ends of the "legsc of the "U" close together. A round or conical (sic) reinforcing rim rungs along both edges of the slot.						
24.	Non -woven fabrics tectorial membrane shopping bag	CN205696201	2016-11-23	ZHEJIANG ZHONGYU ENERGY SAVING TECHNOLOGY	76 %	
The utility model discloses a non -woven fabrics tectorial membrane shopping bag, including the bag body and with set up in the handle of bag body upper portion sack department, the surface fabric of the bag body is from interior and comprise net cloth layer, waterproof cloth layer, non -woven fabrics layer and tectorial membrane printing layer outward, the sack department of the bag body is equipped with the draw -string, the draw -string both ends are revealed in the bag externally, the dog -ear outside of bag body bottom is equipped with the wear -resisting bag strake, bag body bottom is equipped with a plurality of strengthening bands, bag body both sides are equipped with the enhancement sideband respectively, it includes the canned paragraph and puies forward the section of drawing to strengthen the sideband, canned paragraph interval vertical fixing respectively inclines in the bag component parts of an entirety, it forms the handle with canned paragraph fixed connection to carry the section of drawing both ends. The utility model discloses be different from the single layer structure of the conventional non -woven fabrics shopping bag bag body, the bag body adopts composite construction, and increases the draw -string, strengthens the sideband isrocture, simple structure, convenient to use, bearing capacity is good with the abrasion strength, long service life, and have waterproof, separate effect such as hourglass.						

25.	Shopping bag having a cover	KR200214554	2001-02-15	SEO MI	75 %	
The present invention relates to a shopping bag is provided with a cover of the present invention. According to the present invention relates to a shopping bag is provided with a lid, removably attached to the folding plane and provided with oval openings, which can be articles having an internal space of the body of an elliptical columnar shape, the elliptical opening on one side to the oval opening and closing, in a predetermined portion of the handle insertion groove formed in the cover, wherein the body of which one side of a side surface and which is provided in the lid closed even though the handle insertion hole can be exposed to the outside handle and the lid and the body are provided respectively on the front part of the lid is fixed to the detachable member can be made by including features. Thus, the cover is easily separated from the body to prevent, an edge portion of the body is easily broken and prevents deformation, which is sensitive to the appearance of the user's preference can be satisfied for an embodiment of the present.						
26.	Shopping bag	CN201286414	2009-08-12	ZHANG MI	75 %	
The utility model discloses a shopping bag comprising a bag body with an opening, and a lifting handle mounted at the upper end of the bag body, wherein, a reinforcing tape is arranged on the side surface of the bag body, a hook is arranged on the bag body, and a plurality of interlayers are arranged inside the bag body. The utility model has the following advantages: the interlayers inside the bag body can be used for storing articles by category, thereby preventing cross-contamination of the articles; the hook arranged on the bag body can be clamped on the upper parts on the two sides of a shopping cart, so that the opening of the shopping bag can be expanded to facilitate the package of commodities; after the commodities are packaged, the articles can be taken home by using the lifting handle; and the reinforcing tape arranged on the side surface of the bag body can improve durability of the bag body.						
27.	Shopping bag with handle	US5062717	1991-11-05	SHOCKLEY DRU	74 %	
A shopping bag for general purpose use in constructed from a sheet of fabric and formed by a series of steps into top and base portions integrally connected to side panels and back and front panels joined by a single seam which extends the length of the bag. The folding operation creates a multiple ply border about the upper or open portion of the bag. Selvage on the fabric is directed to form a portion of the base such to extend around the perimeter of the base integrally connected with the side panels and the back and front panels. A pleated construction of the side panels allows the bag to fold compactly when not in use such as when being carried or transported. The mouth of the bag when accepting articles is generally rectangular in shape. The inner and outer creases of the bag are reinforced from top to bottom thus imparting to the side panels a rigidity which projects them essentially transversely to the back and front panels when the bag is trimmed for use. The base of the bag likewise is reinforced by a plurality of plies. A handle may be attached to the border at the upper end of the bag.						
28.	Shopping bag	JP2000325125	2000-11-28	MIMORI HARUMI	74 %	
PROBLEM TO BE SOLVED: To provide a shopping bag to be folded compactly to be carried and to be set quickly along the inner wall of a shopping basket of a supermarket, etc., so that the articles having passed a register can be brought home as they are in the shopping bag without taking them out of the shopping basket to be put in the shopping bag again, applicable to slightly different shopping baskets of other shops and durable against the long hard use. SOLUTION: One side 2a of the inner bottom 2 made of a hard material is connected only to one side 3a of the bottom 3 of this shopping bag 1 to fold the bag compactly to be carried. When the shopping bag is set in a shopping basket in front of a register in a shop, the free end of the inner bottom 2 is lowered to form the bottom 3 to be formed quickly in the shape of the shopping basket along the inner wall. Cover parts 4 or hanging strings of the shopping bag 1 hang down on both sides of the shopping basket so that the shopping bag can be applied to shopping baskets with slight difference in other shops. In addition, handles 8 attached on the inner surface of the upper rim of the opening of the shopping bag facilitate the quick setting of the shopping bag in the crowded area in front of the register. Further, a reinforcing material is attached around the inner circumference of the upper rim of the opening to make the shopping bag durable against the long hard use. COPYRIGHT: (C)2000,JPO						
29.	The shopping bag	JP3081963	2001-11-22	ONOE SEIICHI	73 %	
Such as a supermarket shopping in and, at the checkout counter operated at the time of the plastic bag product are passed, and a disposable plastic bag as well as waste of resources, the customer of the product is completed shopping basket in clearing SuperSlide polygraph bag Genius forced labor, and unnecessary waste of time and can be used, which is always congest peripheral edge. SOLUTION: Such as a supermarket shopping basket used in 6 be used in conjunction with the shopping bag, the shopping basket 6 can be mounted along the inner surface portion which is formed on the upper part of the bag body 1 and, bag 1 extending from the upper edge of the shopping basket The 6 foldable outwardly from the upper edge of the lid 14 and, the bag 1 provided with a pair of handle 5 shopping bag being made.						
30.	Shopping bag	JP3170664	2011-08-31	KANEKO MASARU	73 %	
PROBLEM TO BE SOLVED: Structure is very simple and can be folded conveniently and portable items while not loaded with its shape, the bag appears popper provides a shopping bag. SOLUTION: Made from thin nylon fabric bag body 2 in the bag mouth 3 two sides of the longitudinal direction of the bag body from 2 a pair of mountain-shaped portion and an integral 4,4 is extended, a pair of mountain-shaped portion 4,4 the inside of the substantially circular cutting a mountain shape and each respective section 4,4 around the top of each form a semi-annular, each semi-circular back portion of the bag mouth 3 to the back side of the nylon yarn knitting width of the tape by appropriately 5 by sewing, to the underside of the woven tape 5 sewn onto each hand by the semi-annular 6 and also a hand 6 in the grip 6a is formed in a double-folded, the bag body 2 inner bottom portion of the bag body is 2 the same fabric midsole 7 doublehull and sewn. SELECTED DRAWING: FIG 1						
31.	Environmental protection type shopping bags capable of being folded and retracted	CN201182283	2009-01-21	SHANGHAI KUNNIAO INDUSTRY & TRADING	73 %	
The utility model relates to a collapsible, environment-friendly supermarket shopping bag, comprising a bag body and carrying or lifting straps, wherein the bag body comprises a front piece, a rear piece, a left piece, a right piece and a bottom piece, and the left and right sides of the front piece, the left piece, the rear piece and the right piece are fixedly connected with one another sequentially, and the bottom part thereof is fixedly connected with the periphery of the bottom piece respectively to form a closed bottom of the bag body and an opening top of the bag body. The carrying or lifting straps are arranged at the front and back and adapted to be a shape of inverted U, and the left and right straight sections thereof are respectively centered and symmetrically and firmly connected on external surfaces of the front and rear pieces, the top part of the bag body is fixedly provided with an extension body of the bag body, the top part of the extension body is equipped with a movable collapsing mechanism, and a sliding zipper is fixedly arranged around the outer edge at the outer side of the bottom piece of the bag body for folding the whole bag body and the extension body and the carrying or lifting straps and then collapsing the bottom piece in the middle; and the front piece, the rear piece, the left piece, the right piece and the bottom piece of the bag body are all composite layers composed of waterproof surface layers and heat preservation inner layers. The shopping bag has the advantage of collapsibility, so the shopping bag is not only convenient to carry when people are shopping, but also can be used repeatedly; and is not only conducive to the health of people, but also can protect the environment.						

32.	Method for attaching grip strings to shopping bags	KR870002799	1987-04-13	KIM, YOUNG-MOON	73 %
The invention relates to the string grips attached between polyethylene film coated papers by hot air blow. The polyethylene coated papers (1) and (2) are fed with a string (3) in between pressure rollers (4) and (5) to be heated by a hot air blower (6) positioned at a distance of 6-7mm from the rollers for the coated polyethylene films and the polypropylene string to melt-fuse with one another. Copyright 1997 KIPO					
					
33.	Simple shopping bag capable of supporting load by four layered structure without using separate member	KR20050019371	2005-03-03	KIM, BYONG-KUK	72 %
PURPOSE: A shopping bag is provided to support load by four layered structure without using separate member for reinforcing a gripping opening of the bag and include a simple construction. CONSTITUTION: The shopping bag includes a front portion(101) and a rear portion(101') opposite to the front portion, respectively. The front portion and the rear portion are formed with two gripping openings(102) spaced apart from each other at a desired interval. Folded portions(103) are horizontally formed between the gripping openings. A margin portion(104) is extended from an upper end portion of the rear portion. An adhesive(105) is formed on an end portion of the margin portion. (C) KIPO 2005					
					
34.	Shopping bag	US2348964	1944-05-16	EDWARD SEBASTIAN	72 %
No abstract available					
					
35.	Carrying bag	EP2088893	2009-08-19	LORENZ CHRIS M	72 %
The invention relates to a carrying bag 10, particularly a shopping bag, having a preferably net- or mesh-like bag body 18, at least one handle 40, a housing 11, which has a pull opening 17 and pull means connected to the bag body 18, the means being made of a spring-loaded roller 26, for example, wherein the pull opening 17 and the pull means 26 are designed such that the bag body 18 is folded in a tubular manner when pulled into the housing 11 and is rolled up in the housing 11.					
					
36.	Bag with carrying straps and belt buckle	DE102014119575	2015-03-05	HUBER, SABINE ANNA, DE	71 %
Bag (1) having a bag body (3) for receiving an article and at least a carrying strap (4), wherein a first side (2) of the (1) pocket two lower guide members (10, 11) can be provided, wherein two lower guide members (10, 11) laterally spaced from one another, wherein the first side (2) of the (1) pocket two upper guide members (12, 13) can be provided, the upper guide members (12, 13) laterally spaced from one another, wherein a second side (30) of the (1) pocket to further lower guide members (31, 32) are provided by, the other two lower guide members (31, 32) laterally spaced from one another, wherein the second side (30) of the (1) pocket two further upper guide members (33, 34) are provided, the further upper guide members (33, 34) laterally spaced from one another, wherein the support belt (4) in the manner by the guide members (10, 11, 12, 13, 31, 32, 33, 34) are fed, between an upper and a lower guide member (10, 11, 12, 13, 31, 32, 33, 34) one central support belt portion (14, 15, 35, 36) is arranged, so that each side (2, 30) of the (1) pocket two adjacently extending central strap portions (14, 15, 35, 36) are arranged, the two central strap portions (14, 15, 35, 36) one side (2, 30) via an upper strap portion (40, 41) together, wherein the average strap portions of the first side (2) in the belt buckle (16, 17) have, the belt buckle (16, 17) each having a first end of an upper strap portion thereto, the belt buckle with a second end (43, 44) of the central strap section respectively adjustable in length thereto, the step, each central strap portion of the second (30) side a stop member (37, 38) which are, wherein the stop elements (37, 38) as a stop to the other top guide elements (33, 34) and are pulling the central strap portions define, in which pocket function, wherein the pocket on the two handle portions (5, 6) of above is worn, on the first side of (2) the belt buckle (16, 17) at lower sides of the upper guide members (12, 13) abut a Stopper are in, and where in the pocket function to the second end (30) stop members (37, 38) at lower sides of the upper guide members (33, 34) abut a Stopper permit, further wherein the distance along the strap between the stop elements (37, 38) and further stop elements (93, 94), above the upper guide members (33, 34) are arranged, at least as large, as the distance between...					
					
37.	Improvements relating to wheeled shopping or like bags	GB796520	1958-06-11	THOMAS HARRIS BIRMINGHAM	71 %
796,520. Portmanteaux. HARRIS (BIRMINGHAM), Ltd., T. Nov. 6, 1956 [Feb. 9, 1956], No. 4016/56. Class 133. [Also in Group XXXII] A shopping or light bag is attached to a wheeled support 11 by means of an inverted pocket 28 or overhanging part on a wall of the bag and engaging over a part of the support. The rectangular bag 1 of flexible material has front and rear walls 2, 3 connected by side walls 4, and a mouth 5 closeable by a separate detachable cover 6. An interior rectangular frame reinforces the front 2 and side walls 4 are stiffened by boards 8. The wheeled support 11 comprises a rectangular panel of suitable rigid material 14 the bottom corners of which carry metal plates 15 which support an axle 18 for wheels 17. At the bottom panel 14 carries a bracket 19 for the end of the stick handle 12. A bracket also carries a ground engaging rod 20 which will maintain the wheeled bag substantially upright. The handle 12 is detachably secured to panel 14 by a clamping screw 22, clamping member 26 and a U-shaped bracket 24 secured to the rear face of panel 14. An inverted pocket 28 extends full width of the rear wall 3 of the bag and is provided by a flexible strip 29 stitched at the top 30 to the said rear walls and having forwardly turned terminal portions stitched to the side walls 4 of the bag. The detachable top cover 6 of flexible material is internally stiffened by front and side flanges 32, 33, the rear attachment flange 34 when clamped in position forms a hinge.					
					
38.	Multi-fold handle paper bag	KR10-2019-0107609	2019-09-20	SEO, Min-woo	71 %
The present invention relates to a multi-fold handle paper bag. More particularly, the present invention relates to a multi-fold handle paper bag which can substitute a shopping bag or a shopping basket by preventing breakage of a handle by reinforcing the handle of the paper bag used as the shopping bag or shopping basket. To this end, in the present invention, a front surface, a rear surface, a side surface and a bottom surface are integrated, and each surface is folded to form a square or rectangular paper bag with an open top. A contact surface of any one side and bottom is made into a paper bag by pasting. A handle surface is provided on the front and rear surfaces to form a handle unit by folding the handle surface in multiple.					
					

39.

Multi-purpose open-top e.g. shopping bag/crate has textile sidewalls with batten stiffeners inserted in sewn seams

DE202006002050

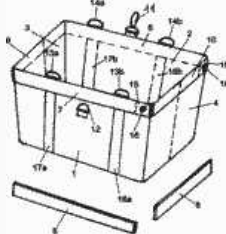
2006-04-20

HANS JOCHEN WITZGALL

71 %

A multi-purpose open-top folding crate has flexible textile sidewalls and a base. The rim (9) is textile folds (7-10) that hold a series of stiffening battens (5, 6) that are secured by flap folds with e.g. popper fixtures (15). The bag further has lifting loops (13, 14), a closure (11, 12), and secondary strengthening straps (17, 18).

(From DE202006002050 U1)



40.

Wheeled collapsible shopping bag device

EP2523828

2012-11-21

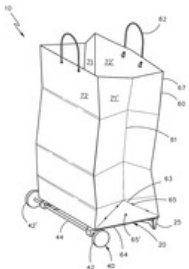
MUSI JUAN CARLOS

SKY WORLD BUSINESS

SKYWORLD BUSINESS

71 %

A low weight wheeled bag device having a bottom assembly having two crossed members with an upperside and an underside. Wheel members are coaxially mounted to a shaft journaled by two bushing members at the ends. Spacer leg members have cooperative dimensions to permit the bottom assembly to be at rest at a substantially parallel and spaced apart relationship with respect to a supporting surface. A bag member with flat bottom wall is mounted over the upperside and extends upwardly defining an internal compartment and an upper end opening. A reinforcement member can be optionally added to the bottom wall to enhance its structural integrity. A user tilts the bag assembly and pulls it from handles mounted adjacent to the opening causing the wheels to roll and the assembly to easily move with its contents.



41.

Wheeled shopping bag

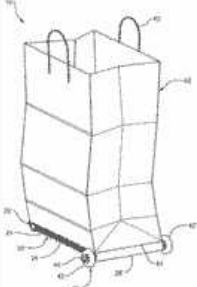
EP2249674

2010-11-17

SKYWORLD BUSINESS

71 %

A wheeled bag assembly having an elongated wheeled bottom assembly made out of a rigid and moldable material with an upperside, an underside, first and second lateral sides, first and second ends defined, respectively, by first and second folds along said underside, said first fold extending away from said underside a first predetermined distance. Wheel members mounted to a transversal fold, opposite to each other. Another fold, at the other end, has cooperative dimensions to permit the bottom assembly to be at rest at a substantially parallel and spaced apart relationship with respect to a supporting surface. A bag member with flat bottom wall is mounted over the upperside and extends upwardly defining an internal compartment and an upper end opening. A reinforcement members can be optionally added to the bottom wall to enhance its structural integrity. A user tilts the bag assembly and pulls it from handles mounted adjacent to the opening causing the wheels to roll and the assembly to easily move with its contents.



42.

Extensible shopping bag

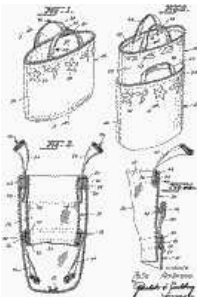
US3229741

1966-01-18

ANTON CAMPEN

70 %

No abstract available



43.

Shopping bag and shopping bag of the bag body

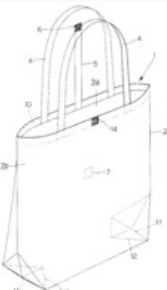
JP3141461

2008-04-16

FAR EASTERN CHAMBER OF COMMERCE

70 %

PROBLEM TO BE SOLVED: Elongated 1 formed by one sheet and a bottom opening in an upper portion and greatly widens the shopping bag is capable of reducing the thickness of the bag may be folded flat overlap, can be downsized, lightweight and easily portable shopping bag SOLUTION: to provide a single elongated sheet folded double and, both sewn 8 both sides below the opening on one side of the triangular support piece and 12 formed symmetrically inverted square bag, the inner bag support piece 12 horizontally and symmetrically located about the bag bottom and forming 2 and, this bag 2 opposite bag face 3a, 3b encompasses a pair of upper piece 4 is attached, one side of the bag surfaces 3a upper end integrally formed with the center of the elongated clamping piece 5 inner tip of the hook and loop fastener locking strips 6 provided, the bag surface 3a surface central portion of the locking piece 6 and lockable latching pieces 7 aloce provided. SELECTED DRAWING: Fig. 1



44.

Bag, such as shopping bag

FR1191530

1959-10-20

70 %

No abstract available

45.

Foldable bag

JP2016097045

2016-05-30

KOBAYASHI SATOKO

70 %

PROBLEM TO BE SOLVED: To provide a shopping bag facilitating changing a capacity by folding, and devised so that a bag of a size facilitating carrying a purse and a phone before shopping becomes a bag of a high capacity allowing collecting baggage into one after shopping.

SOLUTION: A foldable bag includes: a bag body having a front surface and a back surface each having a nearly square shape, and provided with a grip from each of the surfaces; first lock means provided so as to keep a folded state after both side parts are folded with a bag body front surface inside; and second lock means provided so as to keep a folded state that a bottom side part is folded to an opening direction with the front surface inside after both side parts are folded and locked by the first lock means.

SELECTED DRAWING: Figure 3

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46.

Large plastics shopping bag with self-hooking tabs for closure sealing

DE19817889

1999-11-04

AHRENS HANS JOACHIM
CZECH ANDREAS
KNAPP FRIEDRICH

70 %

A large bag suitable for retail purchases of esp. clothes consists of a length of foil or fabric folded double to form the two side panels (1,1'). One longer panel folds over at the top to locate and secure against the upper section of the shorter panel. The two sections are joined by micro-hooked tabs welded or sewn into seams within the plastic or fabric.

47.

Multifunctional accommodating bag

CN204336088

2015-05-20

ONZE CLOTHING

69 %

The utility model discloses a multifunctional accommodating bag, and relates to the technical field of handbag accommodation. An accommodating slide fastener bag is arranged at the lower end of a bag body; a slide fastener bag cover is arranged at the upper end of the accommodating slide fastener bag; a rear accommodating slide fastener is arranged on the edge of the slide fastener bag cover; a front accommodating slide fastener meshed with the rear accommodating slide fastener is arranged on the edge at the upper end of the slide fastener bag cover; front and rear accommodating slide fastener pullers are arranged between the rear accommodating slide fastener and the front accommodating slide fastener; cotton pad straps are symmetrically arranged on the two sides at the upper end of a backpart; stair buckles are arranged at the lower ends of the cotton pad straps; one end of each triangle loop is arranged on the stair buckle in a penetrating manner; a plurality of LED lamps are uniformly arranged on the front end surface of the accommodating slide fastener bag; a front lower slide fastener bag is arranged below the LED lamps. The multifunctional accommodating bag adopts a human-centered design, can be accommodated as various handbags in strap type, waist bag type, shoulder type and messenger type, can meet application requirements of different people, and is relatively wide in application range.

48.

Improvements in or connected with bags

GB580590

1946-09-12

FRED SILBERMAN

68 %

580,590. Shopping &c. bags. SILBERMAN, F. Nov. 1, 1944, No. 21338. [Class 133] The mouth of a shopping or picnic bag is reinforced on each side wall by a bar 6 of rigid material located in pockets 5, and handles 9 are secured to rings 8 passing through eyeletted holes 7 in the edge of the walls and bars Bands 10 are provided on the inside of ends 4 for holding bottles.

49.

Sac à main de grande contenance transformable en chariot-poussette

FR88958

1967-04-21

ROYET PAUL FERDINAND

68 %

(DE1457245)
1,099,200. Trolley. P. F. ROYET. Nov. 12, 1965 [Nov. 23, 1964; Oct. 11, 1965], No. 48245/65. Heading B7B. A shopping bag 3 has a reinforcing frame 6 the lower ends of which carry wheels 11 and the upper ends house the limbs of a telescopic U-shaped handle member 12. The side tubes 6 may have a square bore and be rotatably mounted in another frame so that when the handle 12 is extended the square helically shaped side limbs 12a cause rotation of the wheels from a stowed to an operative position.

(From GB1099200 A)

50.

Collapsible article of practical use

EP1779744

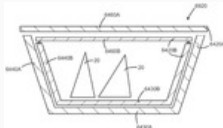
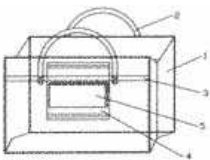
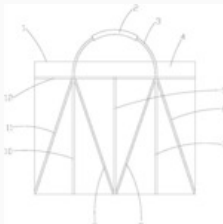
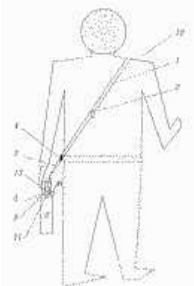
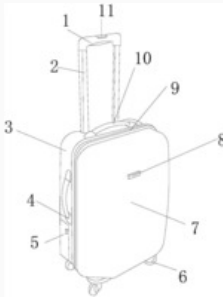
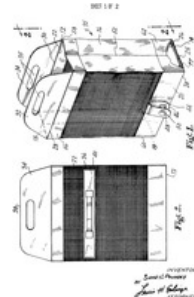
2007-05-02

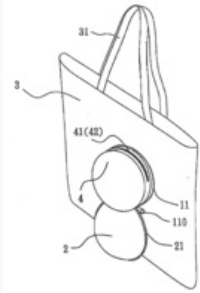
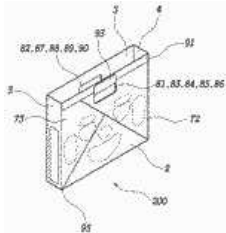
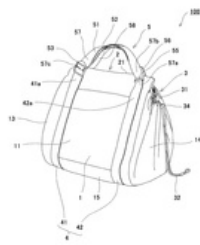
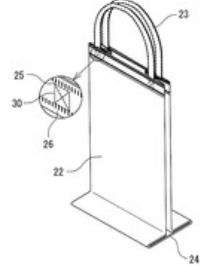
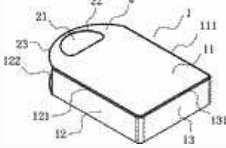
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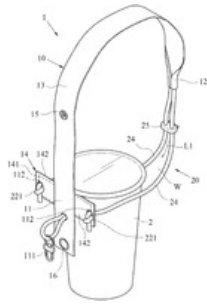
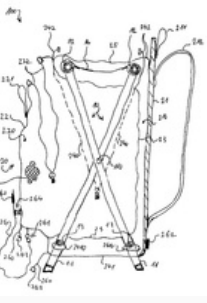
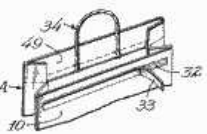
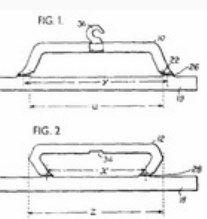
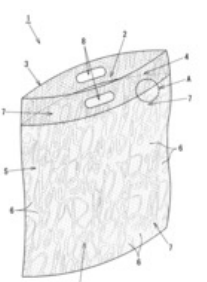
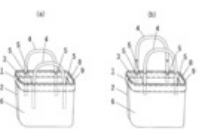
68 %

Utility object e.g. small size backpack, for infant, has sleeve sliding on attachment between utilization position and storage position in which wrapping zone forms envelope in which part comprising utility accessory is folded

The object (1) has a wrapping zone (2) delimited by a sleeve (3) in which an attachment (11) is provided. The sleeve slides on the attachment between an object utilization position in which the zone is substantially flat, and an object storage position in which the sleeve is wrinkled and the zone forms an envelope in which a part comprising a utility accessory is folded. The sleeve is locked at the attachment by a locking unit (12) to maintain the object in the storage position.

51.	A goods transport packaging system	EP3370563	2018-09-12	IFOODBAG	68 %	
A rigid container (6420) to be used in an air environment, the container comprising a bottom wall (6430); and a plurality of side walls (6440); wherein said rigid container has a rim (6445) providing an opening (6450); and a lid (6460) configured to cover said opening when the lid is placed over the rim so as to provide a closed state of the rigid container (6420); and wherein the lid co-operates with the rim (6445) such that the rigid container in its closed state seals, or substantially seals, an interior storage space (6465) from the environment so as to minimize or prevent entry of air from the environment into the interior storage space.						
52.	Folding type travelling bag	CN201200048	2009-03-04	ZHU ZAIJIE	68 %	
The utility model discloses a folding travelling bag which relates to a traveling bag and comprises a travelling bag body and a lifting handle which is arranged at the front end of the bag body, an opening at the upper end of the body is connected and sealed by a zipper, the lifting handle is connected together with a reinforced belt arranged on the body, an outer bag body layer used for fastening is arranged below the reinforced belt arranged at any side, and a magic tape and other fasteners are arranged at an upper and lower interface of the outer bag body. A small bag body layer is also arranged on the outer bag body, an opening of the small bag body is connected and sealed by a zipper, and the shape of the small bag body is consistent with the shape of the traveling bag after being folded, and the bag body can be used for storing small articles of vouchers, makeup, cigarettes, and the like.						
53.	Hand bag	CN208096277	2018-11-16	ZHONGSHAN XINWANG PLASTIC PRODUCTS	68 %	
The utility model discloses a hand bag, including bag body and a handle, the bag body is carried inclining side 0 and is drawn together preceding handle and back handle including a horizontal stiffener, first vertical strengthening rib, the vertical strengthening rib of second, the vertical strengthening rib of third, an inclining side, the 2nd inclining side, the 3rd inclining side, fourth inclining side, the 2nd horizontal stiffener, the vertical strengthening rib of fourth, the 5th vertical strengthening rib, the 6th vertical strengthening rib, the 5th inclining side, the 6th inclining side, the 7th inclining side and the 8th inclining side. The utility model discloses a bag body, handle, each horizontal stiffener, each vertical strengthening rib and each inclining side integrated into one piece, the stress between the handle and the bag body can be dispersed to such structure, prevents that hand bag warp and breaks, prevents also that the handle from drooping to improve hand bag's life.						
54.	Novel ergonomic device used for carrying and transporting luggage	FR2700930	1994-08-05	DEVOUGE REMY	67 %	
The present invention relates to a novel ergonomic device facilitating the carrying and transportation of heavy and cumbersome hand luggage, designed particularly for reducing fatigue and facilitating posture; it also adapts to the transportation of cumbersome items, such as a pair of skis, packs of bottles and bulk wood logs. According to Figure 2, the invention is characterised by an adjustable strap (1) which is positioned and adjusted in over-the-shoulder fashion. The lower part of the strap (1) ends in snap hooks with a turning ring (13) on which the removable handle (5) is fastened. This handle forms a gripping means in the form of a hook or of an L, with a location furrow (14) and a bead (21) where the handle of the item to be transported is housed. Small metal chains (16) are used to transport the cumbersome items which are hooked onto the snap hook with the turning ring (13) so as to enable the device to be used for transporting all types of items, even those without a handle. The invention is used in the handling industry. <IMAGE>						
55.	Case and bag of area reduction of students' study load device	CN208096294	2018-11-16	NAN AN MEIYIN MACHINERY TECHNOLOGY	67 %	
The utility model discloses a case and bag of area reduction of students' study load device, its structure is including drawing handle, drawbar, box, side handles, reduction of students' study load device, gyro wheel, case lid, solid fixed valve piece, sealing ring, going up the handle, pressing the briquetting, case lid and box hinged joint, solid fixed valve piece and as an organic wholeization of case lid structure, upward the handle imbeds and installs on the box and weld mutually, the utility model relates to a case and bag of area reduction of students' study load device, when its weight is heavier, can stimulate the bracing piece draws the auxiliary wheel and takes out, through its ratchet hook and fixed pin cooperation, prevent the auxiliary wheel return, use, in the needs return, only need press down and make it promote fixed pin control block according to the briquetting to drive fixed pin and push down on its reduction of students' study load device, make its and the dislocation of ratchet hook, make its ratchet hook rotate the return, through the structure of improving equipment, case and bag weight make it when being great, supplementary gyro wheel can be pulled out and the use is assisted, the pressure of case and bag has been reduced.						
56.	Collapsible tote bag	US3675843	1972-07-11	PACKAGING RESOURCES	67 %	
A collapsible tote bag is provided having a generally rectangular base and side walls extending in a generally vertical direction from the base to define an enclosed area. The side walls are formed of a flexible plastic material and a pair of opposed side walls are respectively provided with first and second handle members along the top edges thereof to facilitate carrying the bag in a first configuration wherein the side walls are fully vertically extended. A third handle is mounted on one of these opposed side walls at a position located approximately halfway between the base and the tops of the first and second handles. The side walls are foldable to a second configuration wherein the first and second handles are positioned adjacent the other side wall of said opposed pair near the base, thereby positioning the third handle at the top of the folded configuration. Fastening means is mounted on the other side wall adjacent the base for securing the first and second handles to the side wall to permit carrying of the bag with the third handle in the folded configuration of the bag.						

57.	Fastenable containing structure for flexible enclosure	EP2301375	2011-03-30	POWERCASE MANUFACTURING CHE WEN LIN CHI WEN LIN LIN LIN CHE WEN 1 more...	67 %	
58.	Foldable bag	KR101401929	2014-06-02	HANKYONG INDUSTRY ACADEMIC COOPERATION CENTER	67 %	
59.	Bag	JP2018068569	2018-05-10	FUERISHIMO	67 %	
60.	Nonwoven fabric bag with handles	US20140023296	2014-01-23	AXIS	67 %	
61.	Silica gel environment-friendly bag	CN202698058	2013-01-30	CHEN CHAOQIANG OU CHUHUI	66 %	

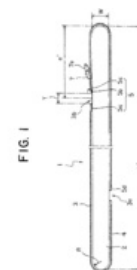
6/7/2020						
62.	Adjustable container carrying strap structure	US20200008563	2020-01-09	WLD PRODUCTION UKO PRODUCTION DESIGN YUGONG PRODUCTION DESIGN	66 %	
An adjustable container carrying strap structure includes a strip-shaped carrying strap and a container sleeving assembly. The strip-shaped carrying strap includes a first end , a second end , and a carrying strap body. The container sleeving assembly includes two sleeve ropes and an adjusting element, where each sleeve rope includes a first rope end , a second rope end , and a rope body, the first rope end of each sleeve rope is connected to the first end , the second rope end of each sleeve rope is connected to the second end , and the adjusting element is assembled on the two rope bodies of the two sleeve ropes, so that the adjusting element, the two rope bodies, and the first end of the strip-shaped carrying strap encircle a container sleeving hole. The adjusting element can slide relatively along the two rope bodies so as to adjust the size of the container sleeving hole.						
63.	Convertible piece of luggage, in particular such as a backpack	EP3214969	2017-09-13	BAGOBAGO S R O BAGOBAGO	66 %	
The invention relates to convertible piece of luggage (100) in particular such as a backpack, involving a folding crossed framework (10) with a flexible seating surface (14) and a flexible sheath (20), defining the storage space inside said piece of luggage (100), wherein the folding crossed framework (10) is simultaneously placed along the perimeter of the storage space of the piece of luggage (100), lastingly housed in the flexible sheath (20) of the piece of luggage (100) and rigged for folding and extending in the perpendicular direction relative to the rear wall (21) of the piece of luggage (100), and at the same time the flexible seating surface (14) is in the form of a flexible cover, attached to the upper portion of the folding crossed framework (10), characterised in that the storage space comprises at least two main compartments, in which the first main compartment (210) is first defined by the primary or back wall (21) with a frame, then defined by side walls (24) which are less rigid than the primary or back wall (21) with a frame, and ultimately defined by a flexible partition with a thickness and rigidity which are even lower than the thickness and the rigidity of the side walls (24), while said first main compartment (210) houses the folding crossed framework (10), given that the side walls (24) are designed, in the lower half thereof, with a width such as to cover the folding crossed framework (10) in folded position as well as in extended position, while said side walls (24) are designed, in the upper half thereof, to have a width such as to cover the folding crossed framework (10) only in the folded position, while said side walls (24) are, in said upper half, including in the upper horizontal wall (242) of said side wall (24) in the direction of the perimeter of the piece of luggage (100), interrupted and connected by an upper connection (240) with an opening, under which is attached, in the space between the back wall (21) with a frame and the outer front wall (22) of the piece of luggage (100), the flexible upper flap (25) with a width that covers the folding crossed framework (10) in the upper half thereof, in the folded position as well as the extended position, and given that the horizontal lower portion (241) of the side wall (24) is provided with attachment points (2410) connected to the free lower ends of the folding crossed framework (10) and connected therebetween such that said interconnection of the attachment points (2410) of the free lower ends which separate from one another during the extension of the folding crossed framework (10) determines the largest possible separation between each pair of said free lower ends which separate from one another, and at the same time the second main compartment (220) is defined by the outer front wall (22), the side walls (24) and, ultimately, by a flexible partition (23) in which the thickness and the rigidity are lower than the thickness and the rigidity of the side walls (24) and of the outer front wall (22).						
64.	Handled bag	US3811613	1974-05-21	PILLSBURY	66 %	
A handled bag is provided having opposed walls. A first wall is provided with a reinforcing flange folded downwardly to provide a reinforced upper edge . A handle is secured to the inner surface of the opposite wall to project upwardly therefrom. A closure flange is hinged to the upper edge of the opposite wall and is slit to permit it to be folded past the handle and outwardly of the first wall to provide a bag closure. A tape covered adhesive area on the first wall permits the sealing of the closure flange to the first walls when the tape is removed.						
65.	Handle for carrier bags	US3339823	1967-09-05	NET UP HANSEN SVEND GEORG INT FINANZ	66 %	
1,130,505. Carrier bag handles. NET-UP A.S. 7 Dec., 1965 [9 Dec. 1964], No. 51914/65. Heading A4G. A carrier- bag handle comprises two U-handles 10, 12 connected respectively to bag attaching reinforcement strip 18 by their lower leg parts, each pair of lower parts having a spacing x, y, e.g. by inclining in opposite directions, so that one handle is passed through the other, the handles lying flat together with one handle having a projection or hook 30 engaging the other handle at notch 34 to close the bag . A bag suspension hook 36 may be scored for tearing off one handle . The handles may be offset respectively at 26, 28 from the reinforcement strip and inside recesses 22 formed at the feet of one handle . (From GB1130505 A)						
66.	Nonwoven fabric bag	JP2008167940	2008-07-24	AXIS	66 %	
PROBLEM TO BE SOLVED: To provide a bag in which not only the peripheral edge of a bag port is strong but also the strength improvement can be freely adjusted, a failure of looking unnatural since an emboss pattern or a picture pattern executed on the outer surface of the bag is seen through at a fold-over part does not occur, and it is not needed to separately use a reinforcing member for increasing the strength of the peripheral edge of the bag port further. SOLUTION: The bag composed of nonwoven fabric is provided with a thick belt-like reinforcing part 4 on the peripheral edge of the bag port. The reinforcing part is composed of a single continuous structure without a boundary made of the same fiber material as the fiber material of a bag body 5, is thicker than the bag body to be about four times of the thickness of the bag body. COPYRIGHT: (C)2008,JPO&INPIT						
67.	For encompasses bag such as a	JP135130	2007-08-15	TOHO	66 %	
PROBLEM TO BE SOLVED: Packaging handle can adjust the length of the belt for the appearance of the appearance of the bag or the like to provide encompasses certain. SOLUTION: For portable packaging handle can adjust the length of the belt 4 on the top end portion of the bag body 2 and out of the article for the bag opening 3 out of the interior portion of the periphery of the lock engaging portion 5 is provided on the belt, the packaging handle belt 4 at predetermined intervals to the end of the plurality of engagement members are provided, the packaging handle can adjust the length of the belt 4 on the inner side of the bag opening edge portion of the packaging handle 3 at the end of the belt 4 engaging member detachably engaged therein. In addition, the both sides and both ends of the bag opening 3 of the peripheral edge , the packaging handle belt 4 each end of the belt out of the lock engaging portion 5 may also be provided. SELECTED DRAWING: 1 Fig.						

The utility model relates to the field of everyday objects, in particular to fixed handbag of inserted sheet. It includes handbag base, the handbag **bag** body and two handbag handles that the components of a whole that can function independently set up, the handbag pedestal mounting in handbag **bag** body bottom, two the handbag **handle** correspond respectively install in handbag **bag** body upper portion, the handbag **bag** body is formed by the concatenation of two **bag** body risers, **bag** body riser package rubbing board personally experiences sth. Part of the body and divides two cambered surface transition limits locating these plate body both **ends**, one of them cambered surface transition limit is provided with inserted sheet, another cambered surface transition limit is provided with the inserted sheet hole, two **bag** body riser passes through the inserted sheet with inserted sheet hole one -to -one is connected fixedly. An object of the utility model is to provide a fixed handbag of inserted sheet to solve the current big and insecure scheduling problem of handbag logistics cost.

In a belt-shaped body where plural coupling elements are fixed along a periphery of a long tape main body, when a width of the tape main body is W, dimension from a first coupling position center of said coupling elements up to an **end** face in the length direction of the tape main body near said is a' and the number of tape windings except top/bottom faces thereof is N, a length L' in the length direction of the tape main body is obtained according to the following expression (I):

$$L' = W \left(\frac{N}{2} + 1 \right) + 2a' + 2T$$

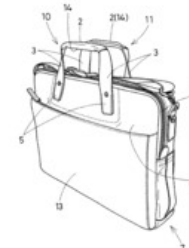
Where alpha is a contraction coefficient of the tape main body when the coupling elements are mounted; beta is a correction value; K is a value determined depending on a configuration of an article-accommodating body obtained from the belt-shaped body; T is dimension between linking members at a first linkage position; A is (2-pi)/2pi; and B is (2-pi)/4.



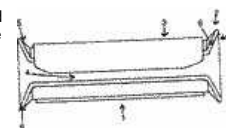
PROBLEM TO BE SOLVED: To provide durable **bag** handles which are easily produced and attached to the **bag** without hurting outer appearance, and to provide the **bag** using them.

SOLUTION: The base bodies of the **bag** handle 10, 11 are originally flat, and each of the **side** parts 3 of each grip part 2 is formed in nearly a trapezoid shape. The rear surface of each of **end** parts 5 is attached to a **bag** 7 by allowing it to face the front surface 8 or rear surface 9 of the **bag** 7 for fixing, so as to turn the front surface of each grip part 2 upwards. The **bag** handles 10, 11 are respectively attached to the front surface 8 and the rear surface 9, so that the grip parts 2, 2 of both **bag** handles 10, 11 overlap. Thus, the one **handle** 10 for the **bag** is formed to be shorter than the other **handle** 11.

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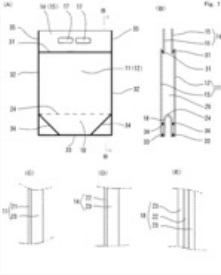
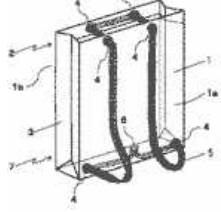
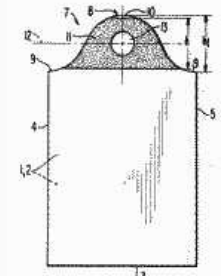
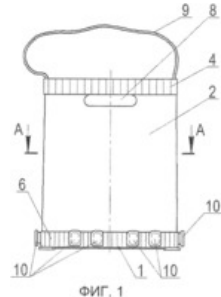


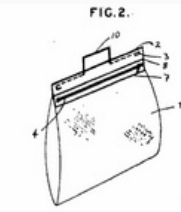
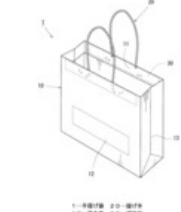
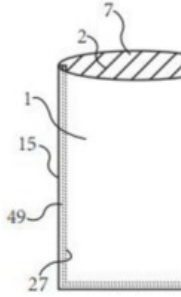
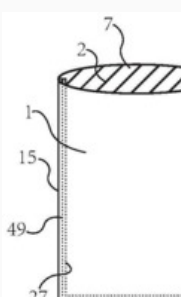
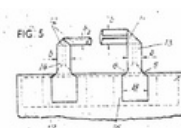
A carrying and combining **handle** (1) is formed from inner (2) and outer (3) cylindrical shells having longitudinal slots (4) which are mutually rotatable between open and closed positions. The inner shell has a fixed collar (5) at both **ends** which has a larger diameter than the outer shell. An Independent claim is also included for the use of the above as a hand protector for carrying grips of bags and for hoses, pipes and cables and for combining cables in houses.
(From DE10244690 A1)

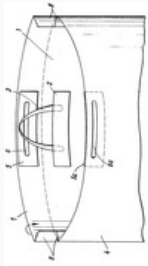


73.	Method and system of making a plurality of bags, and bag	EP3526386	2019-08-21	REUSED REMADE REUSED REMADE ARBOR REUSED REMADE	65 %
Disclosed is a method and system for making a bag. The method comprises providing secondary textile bed linen, such as for example a discarded sheet; cutting the secondary textile bed linen according to the shape of the bag; stitching the secondary textile bed linen according to a shape of the bag. The method and system may comprise the use of a combined mangle and cutter to moisture secondary textile bed linen, press and feed the secondary textile bed linen, dry the secondary textile bed linen, and cut the secondary textile bed linen to a plurality of single pieces, each single piece making a bag when stitched together. A bag is also disclosed.					
74.	Multi-design and functional pocket	WO2016/155811	2016-10-06	RUPPRECHT GABRIELA	65 %
The invention relates to a pocket, comprising a front side and a back side, which are connected to each other at the lower end (1) thereof and along the two side edges thereof in order to form a first storage space (2), wherein the pocket can be folded in the transverse direction along a folding line (5) in order to bring the back side into overlap by folding the back side over onto itself, wherein the pocket can be locked in the folded position by means of connecting means (8) in order to form a second storage space (10) between the two layers of the back side, wherein the pocket has at least six fastening elements, of which three are arranged along each side edge.					
75.	A mouthful handbag is restrained to non-woven fabrics	CN205624883	2016-10-12	ZHEJIANG ZHONGYU ENERGY SAVING TECHNOLOGY	65 %
The utility model discloses a mouthful handbag is restrained to non-woven fabrics, including the bag body with set up in the handle of bag body upper portion sack department, the surface fabric of the bag body is from interior and comprise net cloth layer, waterproof cloth layer, non-woven fabrics layer and tectorial membrane printing layer outward, inner wall of the bag body is equipped with the inoxidizing coating with inside bottom surface, it is fixed with the air cushion to sew up between the bag body and the inoxidizing coating, air cock salient on the air cushion is external in the bag, the sack department of the bag body is equipped with the draw-string, the draw-string both ends are revealed in the bag externally, the dog-ear outside of bag body bottom is equipped with the wear-resisting bag strake, bag body both sides are equipped with the enhancement sideband respectively, it includes the canned paragraph and puiies forward the section of drawing to strengthen the sideband, canned paragraph interval vertical fixing respectively inclines in the bag component parts of an entirety, it forms the handle with canned paragraph fixed connection to carry the section of drawing both ends. The utility model discloses simple structure, convenient to use, bearing capacity and abrasion strength are good, long service life, and have waterproof, separate leak, anti effect such as fall.					
76.	Shopping basket	JP3132830	2007-05-30	TANOUE HIROMI	65 %
PROBLEM TO BE SOLVED: Shopping cart without the use of a store, cash or merchandise carrying a bicycle parking lot of the bicycle parking. SOLUTION: Box-shaped opening in the upper surface at the open edge of the basket main body provided with a pair of handle 12, the bottom plate of the basket body 15 through a hinge to rotatably mounted a caster 14 having a rectangular section bar of the supporting leg 13 is provided. The supporting leg 13 is, the caster wheels 14 is provided on the side, the ground contact to the floor surface and side surfaces, the caster is directed down the sides of the caster-supporting state, the ground side 27 is facing downward to selectively support the leg support portion is adapted to take. The caster support to hold and support legs 13, settled inside the basket main body of the commodities by pulling the belt 22, a caster 14 while rolling the parking lot, or bicycle parking of bicycles can be moved. SELECTED DRAWING: 1 Fig.					
77.	Folding type bag	JP2014113420	2014-06-26	FUJIMURA FUMIO IZUMI SHUNJI UDAGAWA MITSUGI	65 %
PROBLEM TO BE SOLVED: To provide a folding type bag foldable when an inside is empty, and usable like a basket when putting commodities into. SOLUTION: A folding type bag 1 includes a reinforcement plate 5 in the inside of a flexible bag body 3 whose upper part is openable. The reinforcement plate 5 includes a bottom plate part 50 superposed in the inside on a bottom surface part 30 of the bag body 3, and four side plates 55 superposed in the inside on a square cylinder-like trunk part 35 of the bag body 3. In the reinforcement plate 5, the four side plates 55 have the side plates adjacent to each other divided, and are connected with each other through a foldable part 500 on the edge of the bottom plate part 50. As a result of this, when the inside is empty, the four side plates 55 can be put into a folded state by folding in the foldable part 500 and superposing on the bottom plate part 50. The foldable part 500 has a spring property for erecting the side plates 55 superposed on the bottom plate part 50 in a folded state. COPYRIGHT: (C)2014,JPO&INPIT					
78.	Shopping container device	US5009516	1991-04-23	GEECK CAROL A	65 %
A shopping container device, including a first, storage bag-size, collapsible bag, having an open top and a closed bottom, a flexible, non-stretchable handle attached about the open top for carrying the bag when full, a second, smaller collapsible bag having a closed bottom and an openable top, with the top biased normally closed, a flexible tape joining the open top of the first bag to the inside of the second bag a short distance below its biased-closed top, the bottom of the second bag folded flat to form a short flap, the flap folded about one portion of a small ring and attached it itself to form a ring-holding closed loop and a normally closed, openable snap anchored to the ring for attachment to the user's vehicle ignition keys, the smaller second bag of an overall size sufficient to completely contain the first bag collapsed therein, and of a length sufficient to contain the ignition keys when the first bag is removed therefrom.					

79.	Variable capacitance encompasses bag	JP3156019	2009-11-18	Tokio Matsuda	65 %	
PROBLEM TO BE SOLVED: Of large capacity variable, according to which the bag can be attached to the handle instead of providing encompasses. SOLUTION: Encompasses the bag, the lower end of the bottom 2 a symmetrical position of the top open end of the peripheral edge of the hand in the vicinity of the position or symmetrical 11 to a locking unit 7 the bag body is provided with a 1 and, hand 11 made. The bag body 1 is, more preferably at least the lower half section of the vertical main body tube 3 and, the main body tube 3 the open end of the upper surface of the body extends downwardly and folded tubular 3 the top of the auxiliary cylinder can be superimposed 4 made. A locking unit 7 the bag body 1 side is attached to the locking ring 7a and hand 11 attached to the end portion, a locking ring 7a to be engaged with and disengaged from the locking hook 7b and thereby, the main body tube 3 and the auxiliary cylinder 4 each opening end of the periphery of each of the unit is additionally provided. SELECTED DRAWING: Fig. 2						
80.	Production condition header for bag, and production method of bag	JP2014100159	2014-06-05	SHIRATO KEIKO	65 %	
PROBLEM TO BE SOLVED: To provide a bag utilizing a drawing pattern printed on a newspaper. SOLUTION: A header 30 includes a condition identifier 90. The condition identifier 90 shows a folding condition of a newspaper, when a bag body 10 is made of a newspaper. The condition identifier 90 shows the folding condition of the newspaper in a production method of the bag body. As the condition identifier 90, for example, a size identifier showing the size of a newspaper before being folded or a number identifier showing the piling number of newspapers are enumerated. COPYRIGHT: (C)2014,JPO&INPIT						
81.	Auxiliary for bag	JP2000139541	2000-05-23	KOBAYASHI KATSUICHI	65 %	
PROBLEM TO BE SOLVED: To provide an auxiliary for bag small in size, light in weight, soft and good in touchness, convenient in portability, simplified in configuration, capable of being easily and inexpensively produced, reinforced in the strength of a handle part, capable of preventing hanging straps from digging into fingers, capable of stably holding a briefcase or the like for a long time and preventing the hanging straps from being damaged and moved, improved in the stability and security of hanging straps or briefcase, improved in convenience at the time of using it, available as a key holder and capable of securely and quietly carrying keys. SOLUTION: A strap part and the handle part are separated and inside the handle part, the strap part is arranged. A soft substrate 1 to be freely bent is provided, and a reinforce plate 4 is attached on one side of the substrate 1. A plate-shaped rigid object 12 shorter and smaller than the width of the substrate 1 is attached to the reinforce plate 4 so as to freely swing. The rigid object 12 is arranged along with the reinforce plate 4, and a hanging strap 15 is arranged along with the reinforce plate 4. The substrate 1 is bent, piled on the reinforce plate 4 and connected and the rigid object 12 and hanging strap 15 can be housed between the substrate 1 and the reinforce plate 4. COPYRIGHT: (C)2000,JPO						
82.	Shopping bags of the type bag has provided with a bellows at its base, and a method for the manufacture of this bag	FR2738002	1997-02-28	PETROPLAST PRODUKTIONS	65 %	
The carrier bag, with an inwards folding base, has an angled seam (6, 6', 12, 12') to join each of the two wall sections (4, 4') of the base fold (3) with the adjacent side walls (2, 2'), extending from each side seam (5, 5'). The carrier bag material is a polyethylene film with a thickness of at least 50 mu m as a blend of high density, medium density and linear low density polyethylene where the high density portion is greater than the sum of the other two. (From CH686606 A5)						
83.	Reclosable carrier bag	EP1618043	2006-01-25	LEMO MASCHB LEMO MASCHINENBAU	65 %	
The invention relates to a carrier bag consisting of a thermoplastic, synthetic material film with two opposing lateral walls (6, 7) that are welded together at their base and lateral edges (8, 9). A closing device (2), which is provided with profiled strips and actuated by a sliding element (3) and which closes the fill opening (10), is welded to the internal face of the lateral walls. According to the invention, each lateral wall (6, 7) is provided with a grip hole (4) below the closing device (2).						
84.	Flexible shopping basket of separating with adjustable	CN205197304	2016-05-04	FUNAN JINWEI HANDICRAFT	64 %	
The utility model discloses a flexible shopping basket of separating with adjustable, including the basket body, top do not is equipped with a connected in star in relative two inner walls of the basket body, and strip connected in star below is equipped with a plurality of arc recesses, is equipped with two vaulting poles in corresponding arc recess, props the face for the flexibility between two vaulting poles, is equipped with the strengthening rib of rounding off in basket body top periphery, is equipped with mobilizable hand handle on the face of basket side. The utility model discloses it has following advantage to compare prior art: simple structure is equitable, and easy dismounting adds at basket body top and establishes the strengthening rib, and the steadiness of the multiplicable basket body adds in basket internal portion and establishes a connected in star, can make the vaulting pole move another arc recess from an arc recess in the strip connected in star, when using, adjusts the position of vaulting pole according to adorn article, carries out the flexibility partition with internal of basket.						

85.	Convertible handbag	US3164187	1965-01-05	SIMMONS ELEANOR M	64 %	
No abstract available						
86.	Prefabricated bag having triangle-shaped body	KR20110030018	2011-03-23	DONGYANG PACK	64 %	
PURPOSE: A prefabricated package bag having a triangular shape is provided to prevent degeneration of contents due to direct ray of light. CONSTITUTION: A prefabricated package bag having a triangular shape comprises: a bottom board(110) constituting the floor of a bag; a left side board(120) and a right side board(130) which are extended in a shape of being connected to the bottom board; a front side triangular assembly(140) including a plurality of bending pieces; and a back side triangular assembly(150) corresponding to the front side triangular assembly. COPYRIGHT KIPO 2011						
87.	Shopping bag	JP2013112397	2013-06-10	KASHIWARA SEITAI SUN A KAKEN	63 %	
PROBLEM TO BE SOLVED: To provide a shopping bag preventing rupture of a handle and having stable self-standing performance. SOLUTION: In a shopping bag made of synthetic resin, handle holes 17 for inserting a hand are formed on a sheet constituting the bag. The sheet includes: a body sheet 11 constituting a storage of the bag; and a handle sheet 14 having the handle holes 17. The body sheet 11 includes: a front side body sheet 12 constituting the front face of the storage 20; and a rear side body sheet 13 constituting the rear face. The handle sheet 14 is bonded to an upper part of the body sheet 11 and extended upwardly from the body sheet 11. A tensile elongation rate of the handle sheet 14 is set larger than that of the body sheet 11, so as to prevent rupture of the handle. COPYRIGHT: (C)2013,JPO&INPIT						
88.	Shopping bag	JP2000025792	2000-01-25	SANYU KASEI	62 %	
PROBLEM TO BE SOLVED: To provide a shopping bag which can be carried on one's back with an opening end of a bag body closed. SOLUTION: A bag body 1 having gussets 3 is equipped with holes for permitting a shoulder string 5 to pass through at the left and right of a front wall 1a and a rear wall 1b at an opening end 2 and at both sides of the front wall 1a, eyelet members 4 for reinforcement are fixed to the holes, the shoulder string 5 for carrying the bag body 1 on a back is passed through the holes around the opening end 2 and a bottom end 7, and the string is joined or a knot 6 is formed inside the bottom end 7. Thus the shopping bag having the shoulder string 5 formed in a circle can be obtained. COPYRIGHT: (C)2000,JPO						
89.	Plastic shopping bag having a reinforced handle portion	US4125220	1978-11-14	SUOMINEN H S AMERPLAST KOMMANDIITTIYHTIOE AMERPLAST SUOMINEN SUOMINEN HEIKKI S SUOMINEN, HEIKKI S.	53 %	
A plastic shopping bag is provided with an integral handle portion of wave configuration having a strip of reinforcement material therein of heavier gauge plastic than the remainder of the bag. The heavier gauge strip extends across the handle portion in spaced relation to the side edges of the bag. A plurality of such bags are fabricated by providing a flattened plastic film tube which has coextensive overlapping strips of heavier gauge material on the opposite faces thereof, cutting through the tube faces along a cutting line of cyclically recurring wave configuration that extends in the direction of elongation of the heavier gauge strips, the wavelength of said wave configuration being substantially equal to the desired width of the mouth of one of said shopping bags and the amplitude of said wave configuration being greater than the widths of said heavier gauge strips whereby the crests of the wave configuration are located at positions outside the boundary edges of the heavier gauge strips, and thereafter cutting the two faces along transverse seam lines which extend from the wave configuration crests to the outer edges of the flat tube of plastic film material.						
90.	Bag shopping with means of attachment in the luggage compartment of the vehicle	RU194430	2019-12-11	Milyavskij Dmitrij Konstantinovich (RU)	53 %	
A useful model relates to personal items, i. e. soft utility bags, equipped with means of fixing in the luggage compartment of the vehicle, and can be used to carry a large quantity of items and to transport and store various items in the luggage compartment of the vehicle. The technical result of the application of the declared technical solution is the implementation of the assignment, which is to expand the arsenal of equipment. The bag with the attachment means in the luggage compartment of the vehicle contains a rigid base, a side wall of 2, which is attached to it, containing a soft material, and an inner lining. On the upper side of the side wall, the upper exterior amplifier 4 and the internal reinforcing tape 5 shall be attached to and from inside the perimeter, while the lower side wall of the side wall shall be attached to the lower wall of the side wall 6 and the inside plastic tape 7, attached to the side wall and reinforcing tape 6, shall be attached to the bottom of the side wall. In side wall 2, two pens in the form of cut 8, placed opposite each other, were formed under the top reinforcing tape. The driver's luggage bag anchorage means T-shaped hooks 10 attached to side wall 2 through the lower amplifier 6 and through a plastic ribbon 7 and located on the perimeter of the side wall with the ability to interact with identical pins 12 attached to the luggage compartment of the vehicle and with the zakenet the chips of other similar shoots. 9 p. m., 8 figs.						

91.	Als kunststoffbeutel ausgebildete tasche	DE1189682	1965-03-25	ASF GLEITVERSCHLUSSGES MBH ASF GLEITVERSCHLUSS	53 %	
998,967. Sliding clasp fasteners. A S F GLEITVERSCHLUSS G.m.b.H. June 14, 1963 [Aug. 13, 1962], No. 23885/63. Heading E2S. [Also in Division A4] The side opening of a sheet-plastics bag 1 is closable by a plastics slide or snap fastener. The fastener may comprise an angled or rounded L or T-shaped longitudinal member 6 engaging a corresponding longitudinal recessed member 5. The fastener may be formed with single or double members or each half of the fastener may comprise separate male or female members (as in Fig. 8 not shown). (From GB998967 A)						
92.	Tote bag	JP2006001625	2006-01-05	ANSWER	53 %	
PROBLEM TO BE SOLVED: To propose a tote bag 1 having a handle 20 prevented from slipping off from a bag main body 10 by employing a flexible member as the material for the handle 20 to raise the satisfaction of a user. SOLUTION: This tote bag 1 is equipped with attaching sections in the vicinity of the opening section of the bag main body 10 the top section of which is opened and both ends of the handle 20 attached to the attaching sections. In the tote bag 1, the attaching section is formed of a plurality of attaching holes 31, 32 and 33 provided for the ends of the handle. At least the vicinity of the two ends of the handle 20 is formed of the flexible member. Then, the two ends of the handle 20 are passed through a plurality of the corresponding attaching holes 31, 32 and 33 in order. COPYRIGHT: (C)2006,JPO&NCIPI						
93.	Woven textile accessories	EP2751321	2014-07-09	NIKE INNOVATE NIKE NIKE INTERNATIONAL	52 %	
Woven textile structures constructed using dual-loom technology are provided. Filaments are woven in such a way as to create a first set of different discrete layers of the same fabric in some regions of the textile and a second set of discrete layers of the same fabric at other regions of the same textile. The different layers are used to construct various textile structures such as a woven bag with woven channels containing at least one drawstring.						
94.	Leak protection bag and preparation equipment thereof	CN210823481	2020-06-23	WENG WENHAO	52 %	
The utility model discloses a leakage-proof bag and a preparation device thereof, wherein the leakage-proof bag comprises at least one sealing layer to form a bag body inner container which is sealed except an opening; the fabric layer is sleeved on the outer surface of the sealing layer to form a bag sleeve; the fabric layer and the sealing layer form a bag body together; the sealing layer can be integrally and completely turned outside from the inside of the fabric layer, and the turned bag body can be completely flattened, folded and wrinklelessly to the surface of a machine table plane and/or a horizontal wheel roller; the utility model discloses the leak protection bag that makes has that the leak protection performance is good, product uniformity is high, the steady quality is reliable, production efficiency is high, advantage such as with low costs, has good application prospect and extensive application scope.						
95.	Anti-leakage bag and preparation method and preparation equipment thereof	CN110228659	2019-09-13	WENG WENHAO	52 %	
The invention discloses an anti-leakage bag and a preparation method and preparation equipment thereof. Mechanical and automatic batched flow line production of the anti-leakage bags is achieved by apreparation mode of inside and outside overturning. The prepared anti-leakage bag has the advantages of good anti-leakage property, high consistency of products, stable and reliable quality, high production efficiency, low cost and the like, and has a good application prospect and a wide application range.						
96.	Carrying bag comprising adhered, ushaped folded carrying handles of paper	US3409209	1968-11-05	WINDMOELLER & HOELSCHER DUNLOP RUBBER	47 %	
1,146,070. Carrier bags. WINDMILLER & HILSCHER. 29 Nov., 1966 [3 Jan., 1966], No. 53329/66. Heading A4G. A carrier bag has handles formed from strips of paper (2) having a reinforcing layer of woven textile fabric (3) bonded to or embedded in it, the fabric layer (3) having a width at least equal to that of the handgrip. The strip is folded, as at 11 or 12, into a U-shape and is adhesively secured at its free ends to the outside of the bag. Reinforcing strips 15 or sheets 16, 17 are secured to the inner walls of the bag. The reinforcing strip may extend around the complete periphery of the bag top. The side edges of the handle strip may be folded inwardly over its length between pairs of opposed recesses 5, 6 formed adjacent the end securing portions of the handle. A covering strip (26, Fig. 8) or patches (27, 28, Fig. 9) may be adhered to the bag to overlie the end securing portions of the handle. (From GB1146070 A)						

97.	Bag construction	US3610517	1971-10-05	HONSEL KARL HEINZ MASCHB HONSEL	36 %	
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A shopping bag has an upper opening and two sidewalls. From an upper edge of one of the sidewalls a flap projects upwardly. The flap and the upper edge region of the other sidewall are provided with reinforcing strips and with apertures extending through the strips and the underlying material of the flap and other sidewall, respectively. The one sidewall is provided in its upper edge region, but downwardly of the flap, with another reinforcing strip which holds in place a loop handle. In use the flap is folded over the opening until the apertures align, and the handle is pulled through both apertures to the exterior where it may be gripped by a user.

98.	Plastic carrier bag for provisions - with undulating handles reinforced by plastic bands	FR2411767	1979-07-13	SUOMINEN H S AMERPLAST	36 %	
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Plastic carrier bag for provisions comprises connecting integrally to each face of the bag a handle portion with an undulating shape which is symmetrical with respect to the axis line located equidistantly between the side edges of the bag, with the lowermost points close to the side edges and the uppermost point on the axis line. The handle portion comprises a plastic band thicker than the bag material and extending parallel to the lower edge of the bag. This band has a lower edge intersecting with the undulating shape at points between the lowermost and uppermost points. The bag thus has reinforced handles, but its mfg. costs are reduced, and the side joints can be formed more rapidly.

(From FR2411767 A1)