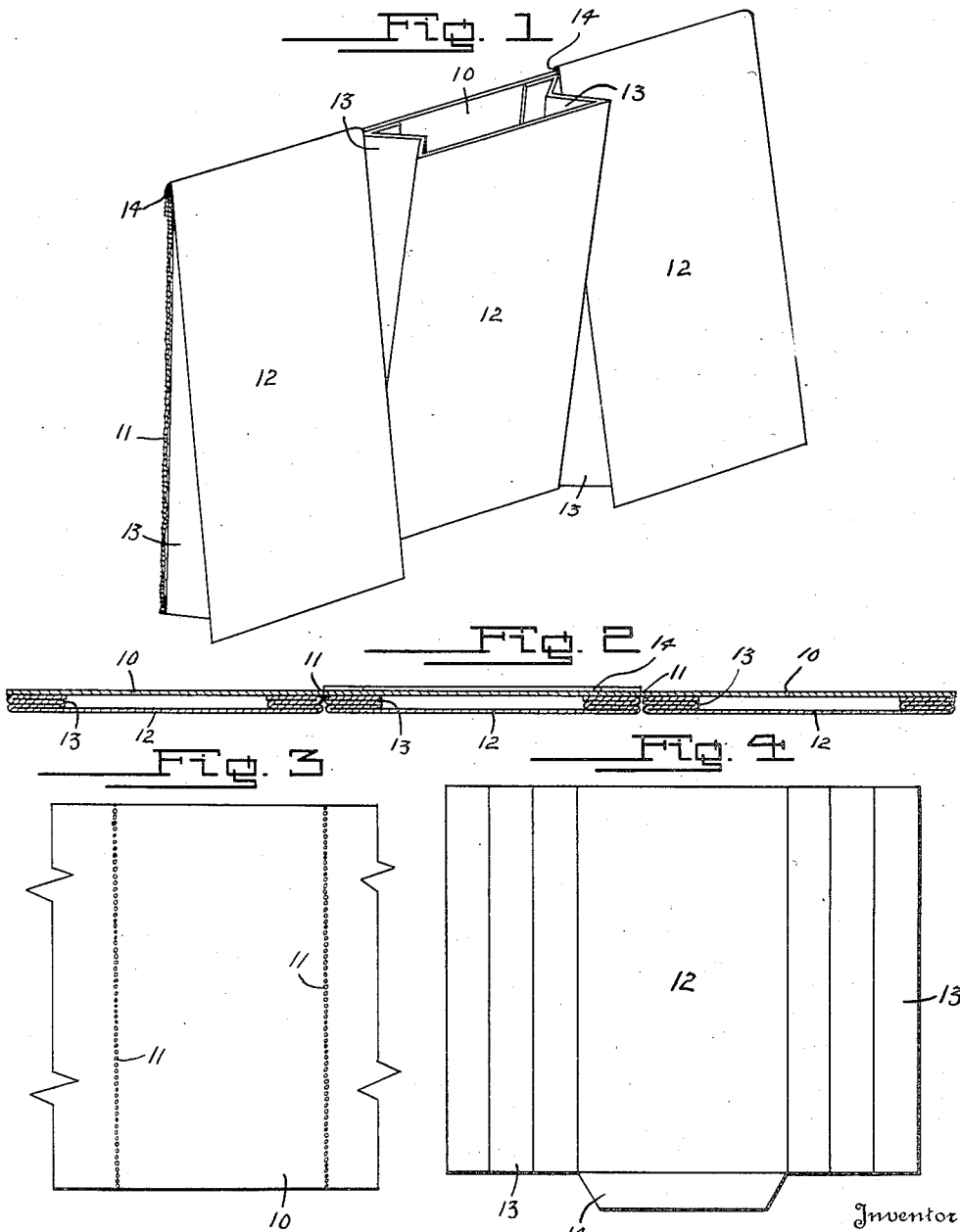


S. ENGLISH.
BAG RIBBON.
APPLICATION FILED DEC. 29, 1916,

1,246,898.

Patented Nov. 20, 1917.
2 SHEETS—SHEET 1.



Inventor
Samuel English

By *Lancaster and Allwing*
Attorneys

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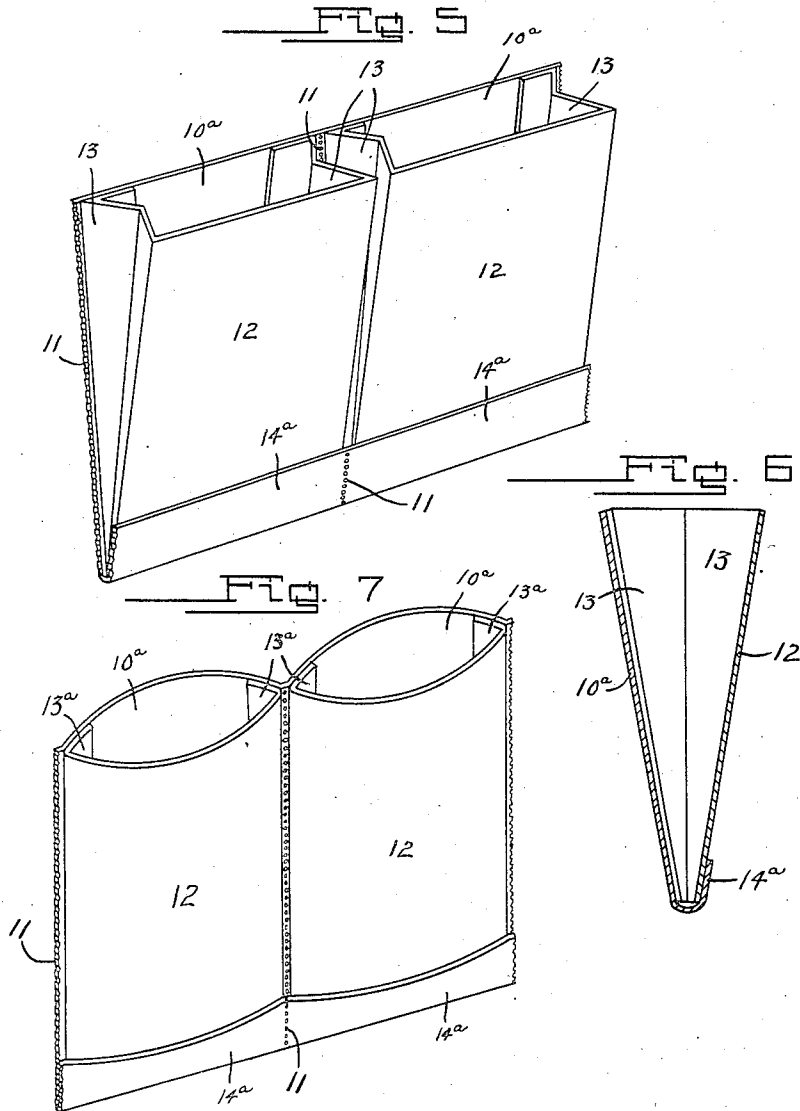
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UNITED STATES PATENT OFFICE.

SAMUEL ENGLISH, OF NEW YORK, N. Y.

BAG-RIBBON.

1,246,898.

Specification of Letters Patent.

Patented Nov. 20, 1917.

Application filed December 29, 1916. Serial No. 139,524.

To all whom it may concern:

Be it known that I, SAMUEL ENGLISH, a citizen of the United States, and a resident of New York city, in the county of New York and State of New York, have invented a certain new and useful Improvement in Bag-Ribbons, of which the following is a specification.

The present invention relates to receptacles, made of paper or other preferably flexible material, and has particular reference to a strip or ribbon of independent connected bags.

An object of the present invention is to provide a ribbon or bag, or relatively large receptacles, capable of being wound into roll form for convenience in handling and storing and from which the bags may be removed one at a time as in the manner of taking wrapping paper from a roll.

The invention has for another object the provision of a strip or ribbon of this nature employing a body strip which not only connects the independent bags, but which also forms one side of the bag and thus economizes in material and lessens the number of steps necessary in the manufacture of the bag ribbon.

The invention further aims at the provision of a strip or ribbon of this nature which is so constructed that it is of uniform thickness at its opposite edges and may therefore be uniformly wound into a roll.

The above, and various other objects and advantages of this invention will be brought out more particularly in the following specific disclosure of the present preferred embodiment, the same being shown in the accompanying drawings wherein:

Figure 1 is a perspective view of a section of bag ribbon constructed according to the present invention, the bags being shown partly open to emphasize the alternate arrangement of the bags.

Fig. 2 is a longitudinal section taken intermediate the lateral edges of the ribbon.

Fig. 3 is a plan view of the body strip which forms a part of the bag.

Fig. 4 is a plan view of the blank from which the remaining portions of each bag are formed.

Fig. 5 is a perspective view of a section of bag ribbon constructed according to the present invention, and disclosing a slightly modified form from that disclosed in Fig. 1.

Fig. 6 is a transverse section taken through one of the bags of Fig. 5.

Fig. 7 is a perspective view of a section of the ribbon, showing a second modified form of the same.

Referring to these drawings, wherein like parts are designated by similar numerals of reference throughout the several views, and referring first to the form disclosed in Figs. 1 to 4, inclusive, 10 designates a body strip which is of considerable length, and provided with spaced-apart transversely extending rows of perforations 11. The portions of the strip 10 lying between the rows of perforations 11 provide one side of the bags which are formed on the strip.

The remaining parts of each bag are formed from a single blank, such as shown in Fig. 4, and which comprises an opposite or outer side 12 having at its lateral edges flaps 13 adapted to be crimped from top to bottom of the side 12 and to be secured at their free ends, by an adhesive or the like, to the strip 10 between a pair of the lines of the perforations 11. The flaps 13 are secured to the strip 10 adjacent to the rows of perforations 11 to form with the intermediate portion of the strip 10 the opposite sides and opposite edges of a bag. The side 12 is provided at its lower edge with a bottom flap 14 adapted to be folded over the adjacent edge of the strip 10 and to be secured across the opposite side thereof by an adhesive or the like. The strip 10 is of a width corresponding to the depth of the bag, and the blank shown in Fig. 4 is of a length corresponding to the depth of the bag. The flap 13 may be given one or more folds inwardly into bellows form to admit of the expansion or opening of the bag to receive a relatively large amount of material.

In order to insure the even rolling of the bag ribbon, and consequently the uniform thickness of the opposite edges of the same, the bags are alternately arranged upon the strip as shown to advantage in Figs. 1 and 2. By this construction, the strip 10 not only forms the connection between the bags, but it also comprises one side of the bags.

The form shown in Fig. 5 is made from a body strip 10^a which is of slightly greater width than the depth of the bags, and which is provided at one edge with a continuous bottom flap 14^a formed by overturning one

edge of the body strip against the outer side of the blank.

In the form disclosed in Fig. 7, the body strip 10^a of Fig. 5 is employed, but the outer side 12 is provided with relatively short end flaps 13^a which are turned inwardly from the lateral edges of the side 12 and secured directly to the body strip 10^a. The bag thus formed is relatively narrow and substantially of envelop form.

It will be noted that the strip 10 is relatively smooth and uninterrupted at one side, and when drawn over rods, or other devices during the unwinding of the ribbon, the strips may travel freely. The bags may be torn from the strips one at a time, and by winding the strip into rolled form the bags are held together and prevented from scattering.

It is of course understood that various changes and modifications may be made in the details of construction of the above-specified form of the invention without departing from the spirit thereof, and being restricted only by the scope of the following claims.

I claim:

1. A bag ribbon comprising a body strip having spaced-apart transverse lines of perforations providing a series of connected bag sides, and a corresponding series of blanks secured at their lateral and bottom edges to the body strip between the perforations to provide the opposite sides, edges and bottoms of the bags.

2. A bag ribbon comprising a body strip provided with spaced-apart transverse lines of perforations forming a series of connected bag sides, and a corresponding series of blanks secured at their lateral and bottom edges to said strip between the lines of perforations, the bottom edges of said blanks being alternately secured to the opposite edges of the strip to provide a ribbon of substantially uniform thickness at its opposite edges.

3. A bag ribbon comprising a body strip provided at intervals with transversely extending lines of perforations, and a plurality of blanks provided with lateral flaps

folded inwardly and secured in spaced-apart relation to said body strip between the lines of perforations to form therewith a series of independent connected bags.

4. A bag ribbon comprising a body strip provided at intervals with transversely extending lines of perforations, and a plurality of blanks provided with inwardly folded flaps at their opposite edges secured to said body strip adjacent to the lines of perforations to form with the body strip a plurality of connected bags.

5. A bag ribbon comprising a body strip member having spaced-apart lines of perforations extending transversely across the strip, and a blank member provided with lateral flaps folded inwardly and secured to said body strip between the lines of perforations to form therewith the sides and edges of bags, one of said members being provided with a bottom flap adapted to be folded over upon the opposite member to close the bottom of the bag.

6. In a bag ribbon, the combination of a body strip having spaced-apart transverse lines of perforations, and a plurality of blanks having their lateral and bottom edges overturned and secured to the body strip between said lines of perforations to form a series of independent connected bags.

7. A bag ribbon comprising a body strip having spaced-apart transverse lines of perforations, and a plurality of blanks having their lateral and bottom edges overturned and secured to the body strip between said lines of perforations to form therewith a series of bags, the bottom edges of said blanks being alternately secured over the opposite edges of said body strip to dispose the bags with their open ends arranged alternately at the opposite edges of the strip.

8. A bag ribbon comprising a body strip having transverse lines of perforations spaced-apart the width of a bag, and a plurality of blanks having their lateral and bottom edges overturned and secured to the body strip between and adjacent to said lines of perforations to form a series of connected independent bags.

SAMUEL ENGLISH.