

No. 701,495.

Patented June 3, 1902.

W. McK. MORRIS & E. M. STAPLES.
BASKET OF TEXTILE MATERIAL.

(Application filed June 18, 1901.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1.

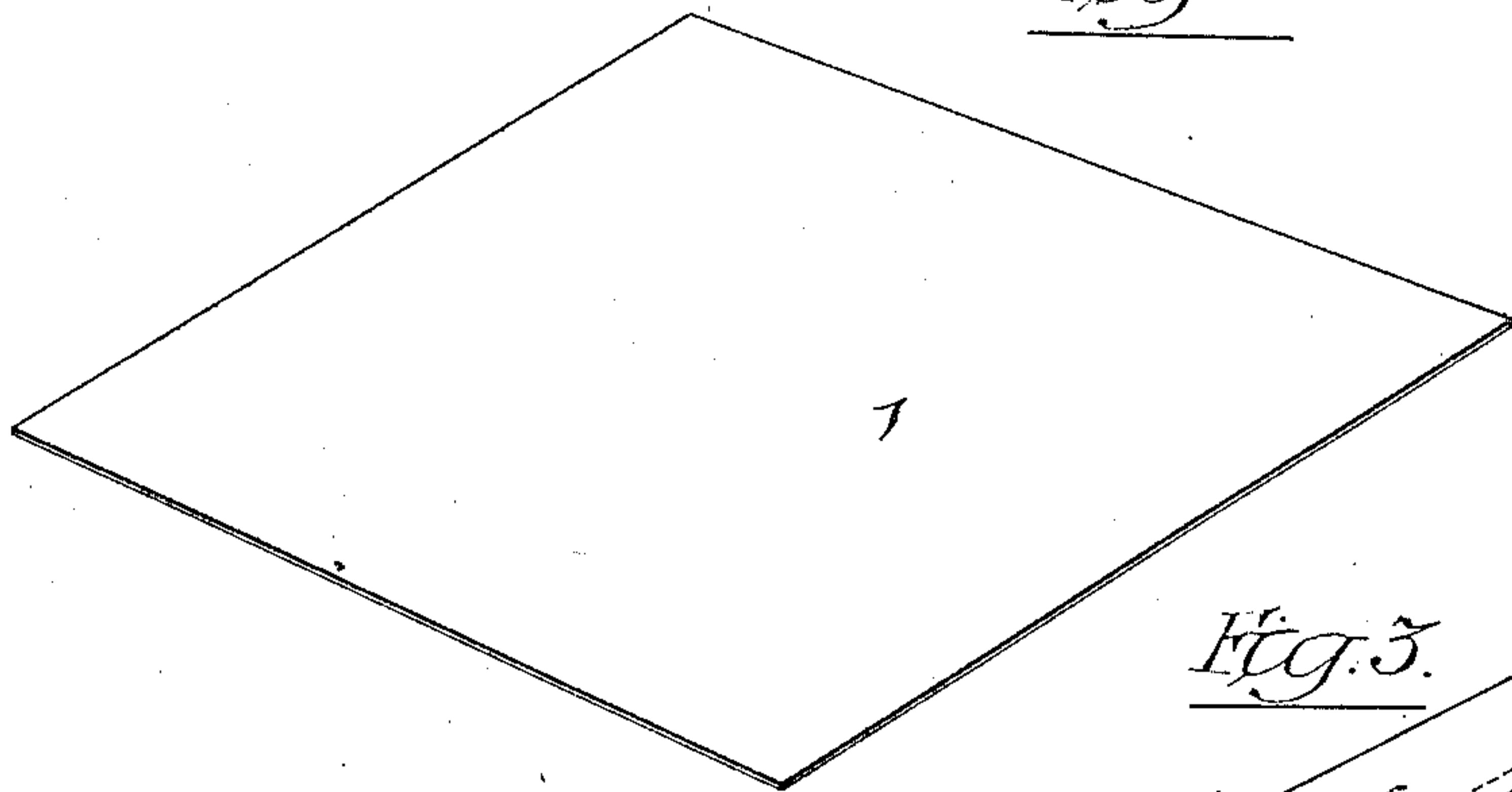


Fig. 2.

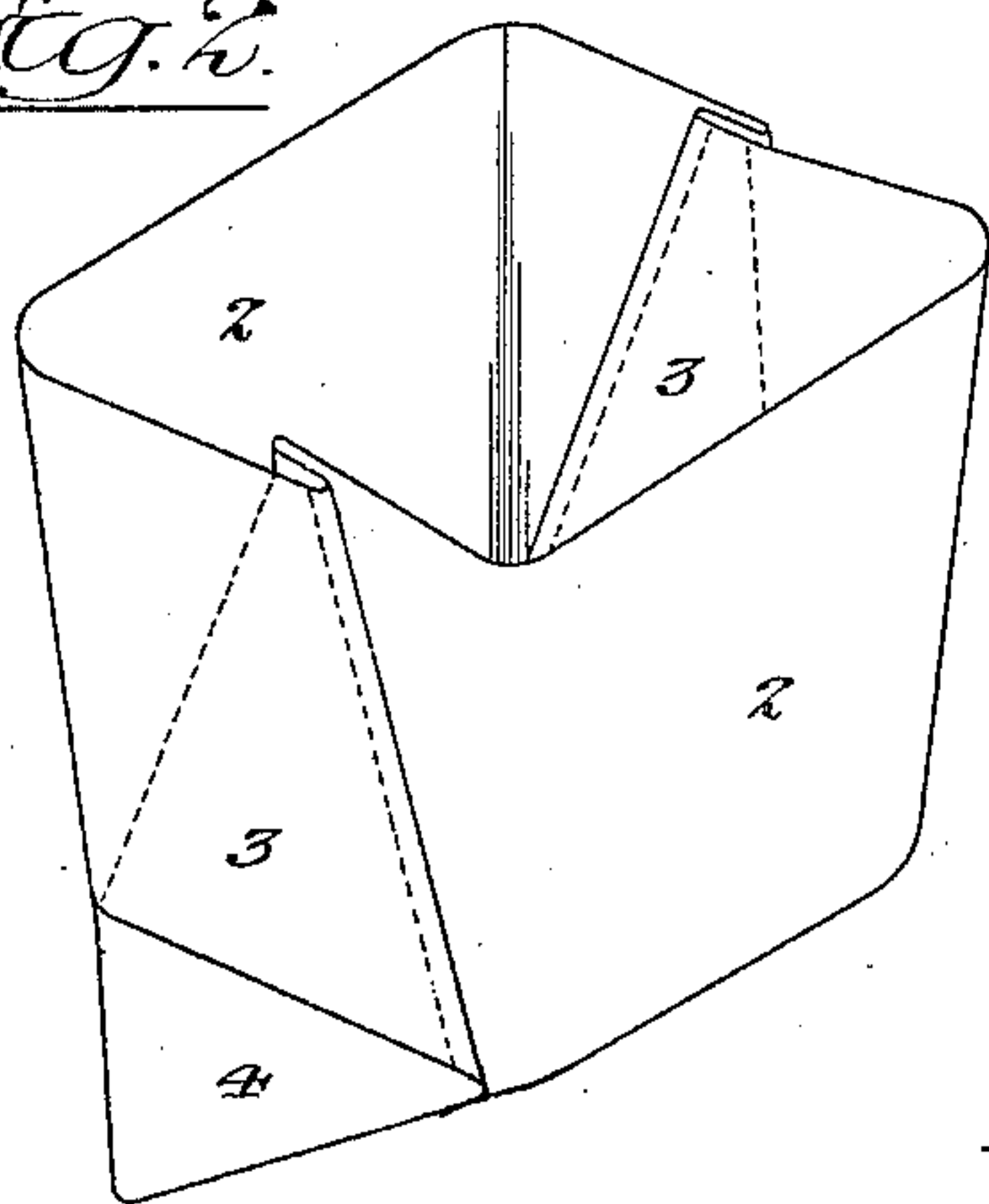


Fig. 3.

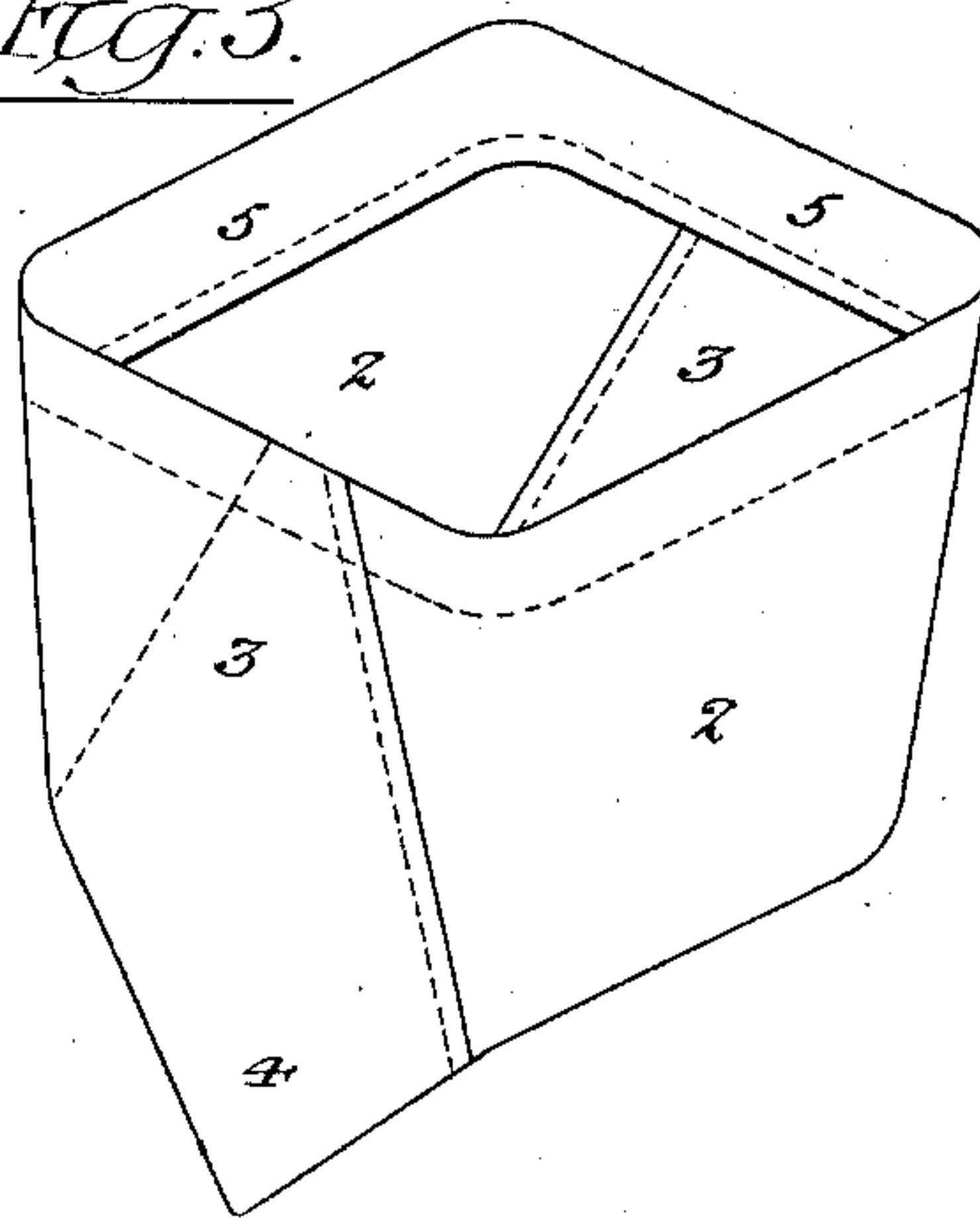
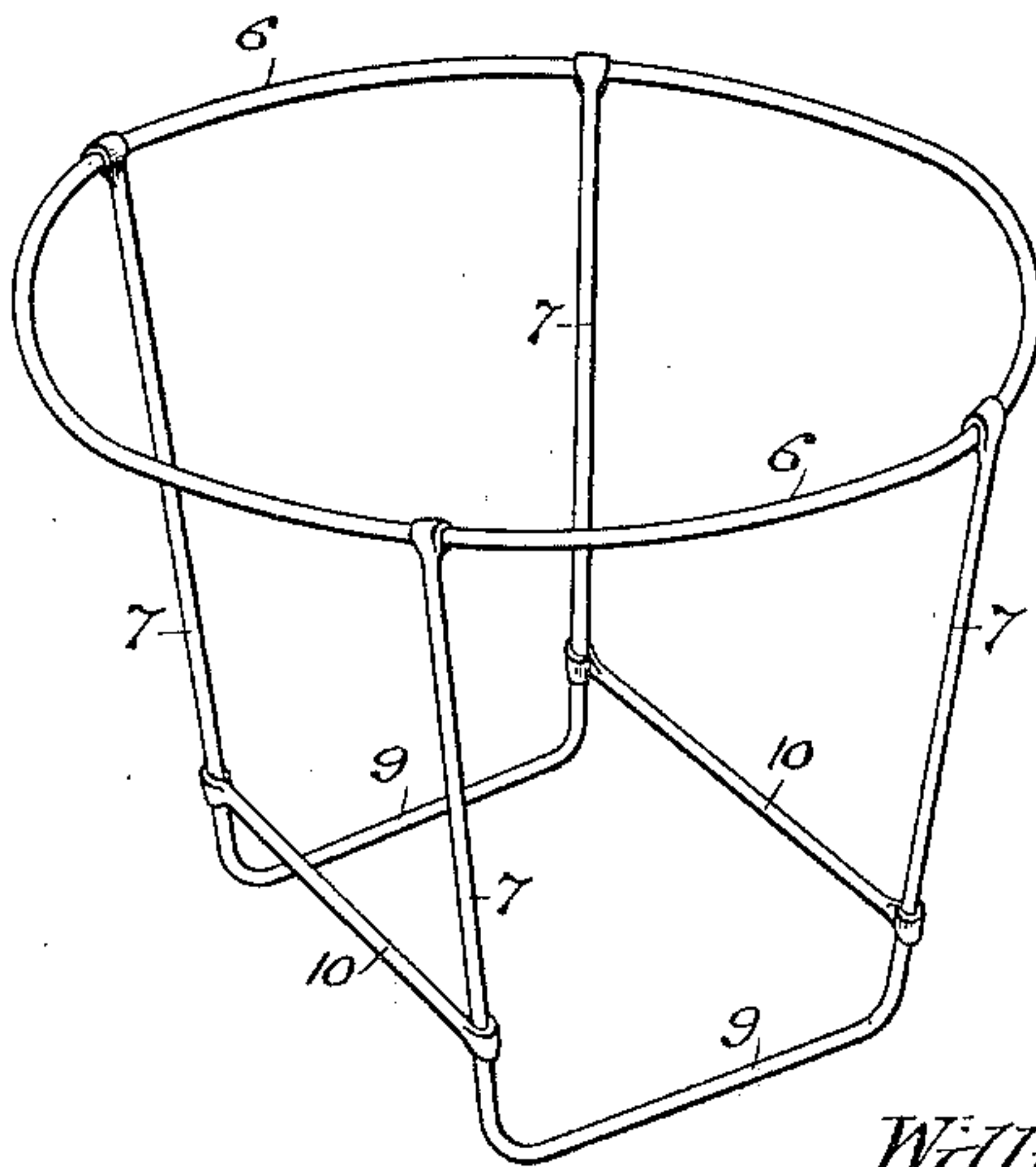


Fig. 4.



Witnesses:

Frank W. Noyes

John H. Whitcomb

Inventors:

William McK. Morris

E. M. Staples

by their Attorneys:

Howe & Howes

No. 701,495.

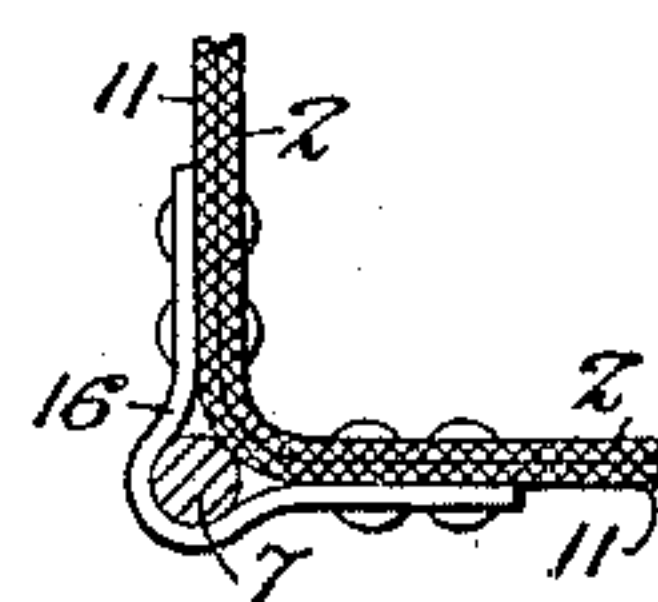
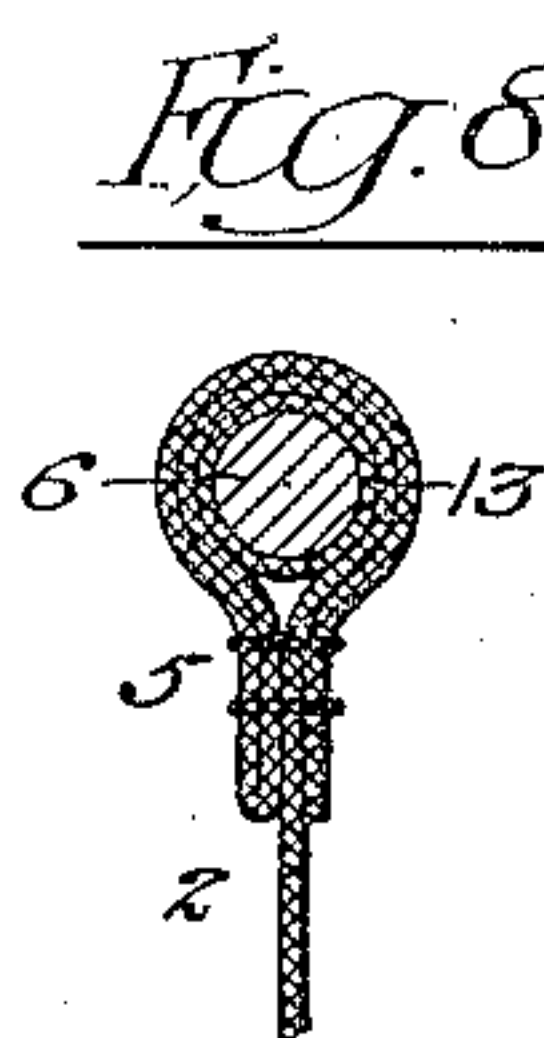
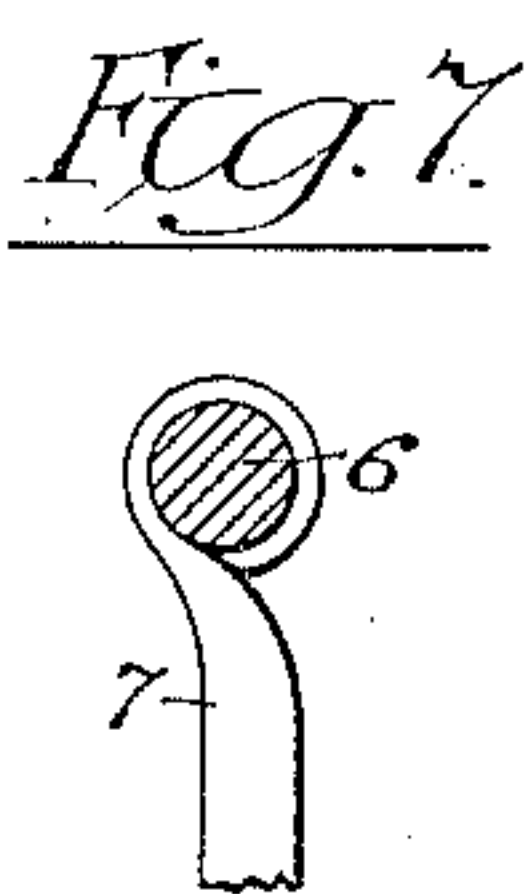
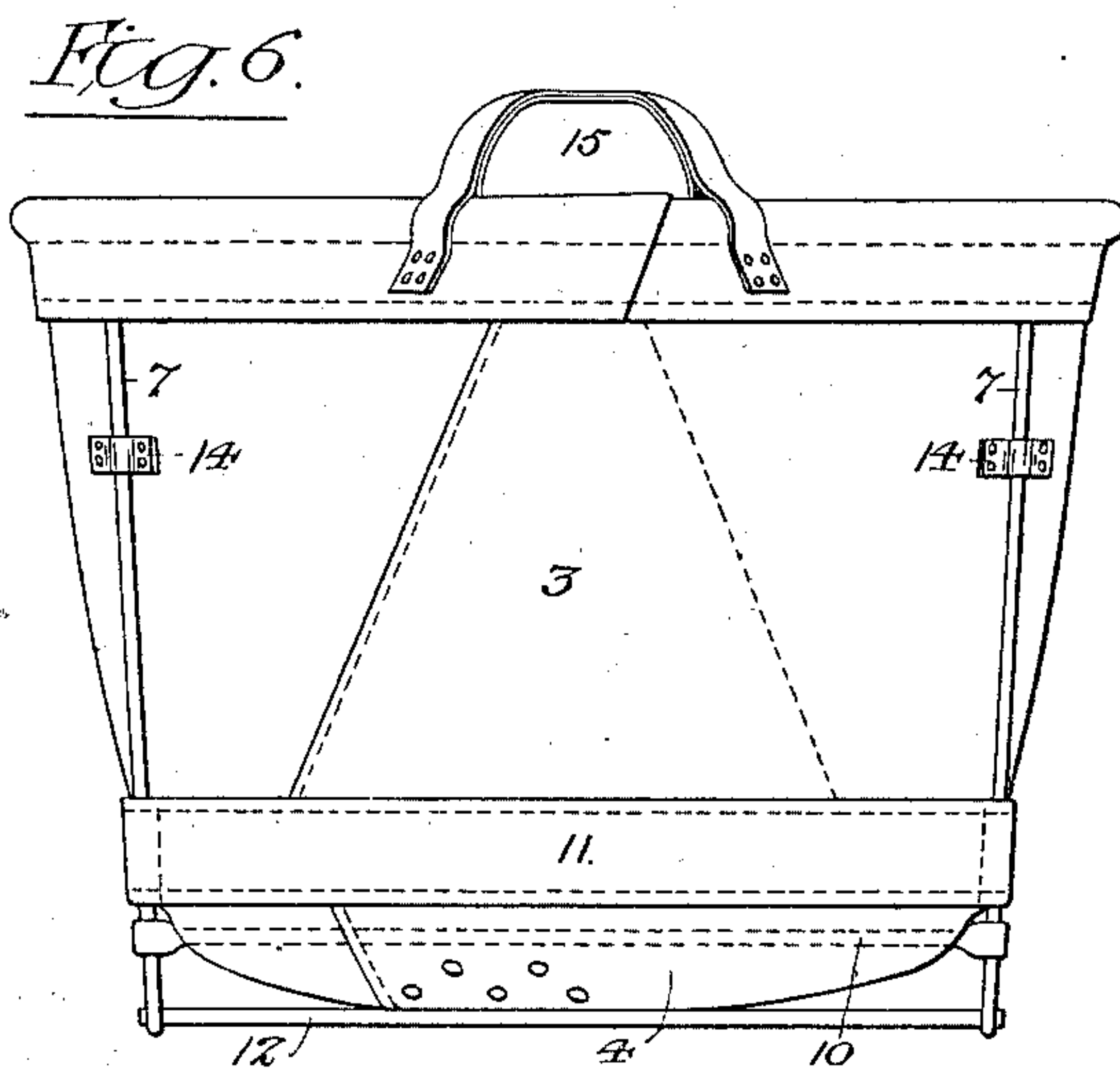
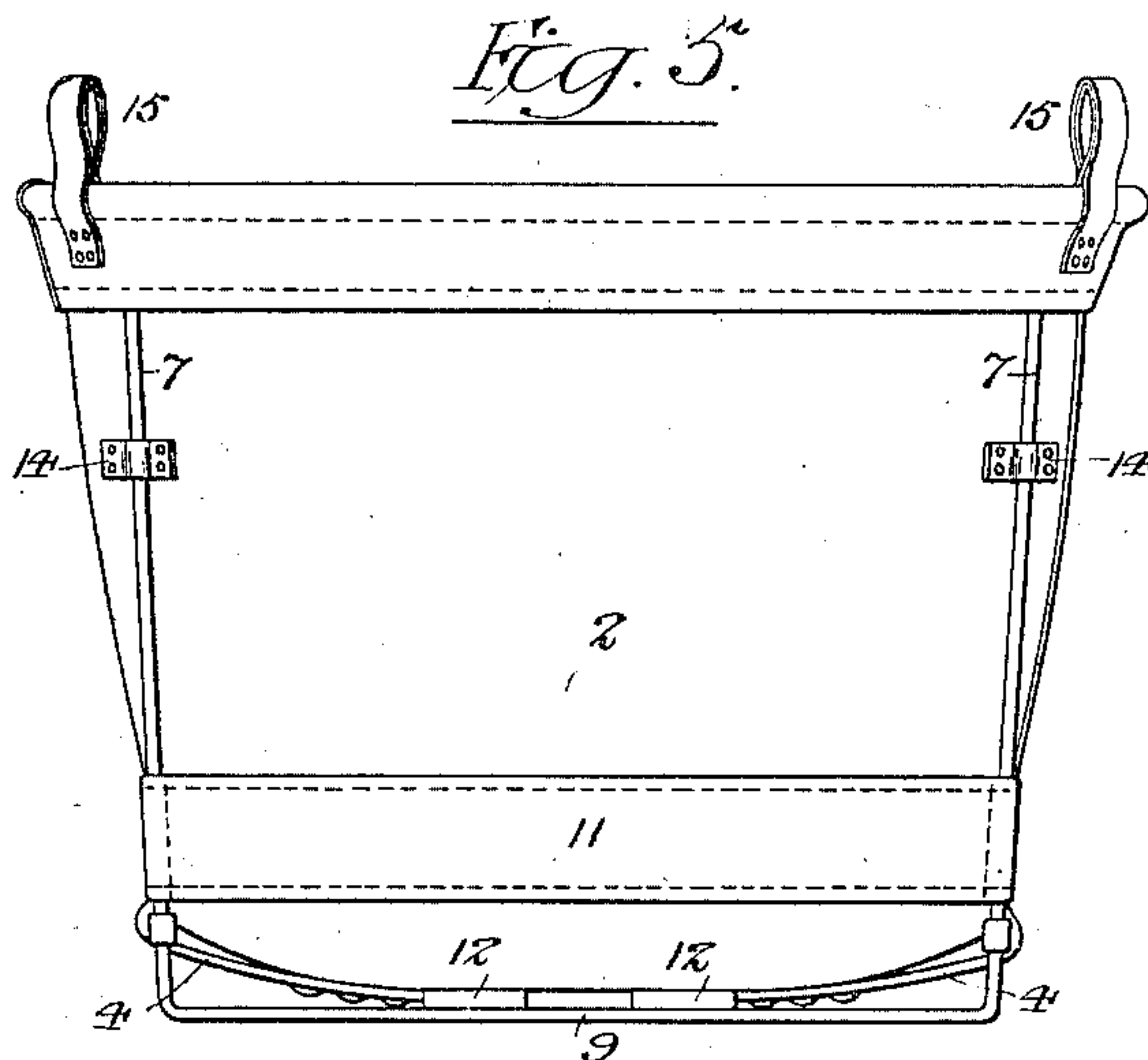
Patented June 3, 1902.

W. McK. MORRIS & E. M. STAPLES.
BASKET OF TEXTILE MATERIAL.

(Application filed June 18, 1901.)

(No Model.)

2 Sheets—Sheet 2.



Witnesses:-

Frank A. Graham
Charles F. Whitehead

Inventors:-

William McK. Morris
Etial M. Staples
by their Attorneys:-
Howson & Howson

UNITED STATES PATENT OFFICE.

WILLIAM MCK. MORRIS, OF YARDVILLE, AND ELIAL M. STAPLES, OF ELIZABETH, NEW JERSEY, ASSIGNORS TO WILLIAM MCK. MORRIS AND EDWIN J. MORRIS, OF YARDVILLE, NEW JERSEY, A FIRM TRADING AS MORRIS & COMPANY.

BASKET OF TEXTILE MATERIAL.

SPECIFICATION forming part of Letters Patent No. 701,495, dated June 3, 1902.

Application filed June 18, 1901. Serial No. 65,010. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM MCK. MORRIS, a resident of Yardville, and ELIAL M. STAPLES, a resident of Elizabeth, New Jersey, citizens of the United States, have invented certain Improvements in Baskets of Textile Material, of which the following is a specification.

The object of our invention is to construct a basket or receptacle of canvas or other textile material so rigidly braced and protected by a metal framework that it will withstand the rough usage to which it is subjected when used in mills and factories. This object we attain in the following manner, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of a strip of canvas or other textile material such as is employed in the manufacture of a basket or receptacle in accordance with our invention. Fig. 2 is a perspective view illustrating the manner in which the strip is first folded into shape. Fig. 3 is a perspective view representing the finished textile structure of the basket. Fig. 4 is a perspective view of the stiffening or bracing frame for the same. Fig. 5 is a side view of the complete basket. Fig. 6 is an end view of the same. Figs. 7 and 8 are views, on an enlarged scale, illustrating certain features of construction of the basket; and Figs. 9 and 10 are views illustrating modifications of certain features of the invention.

In carrying out our invention we take a square or oblong strip of canvas or other textile material, such as represented at 1 in the drawings, and we fold this strip into the form shown in Fig. 2—that is to say, so as to produce the flat bottom, plain sides 2 2, lapped ends 3 3, and projecting triangular flaps 4 at the bottom of each end. The receptacle thus formed is seamless throughout, and the lapped ends present three thicknesses of material in the lapped portions. The upper portions of the sides and ends of the receptacle are turned down, so as to form a hem 5, as shown in Fig. 3, and the fabric portion of the receptacle is then ready for application to the metallic

stiffening or bracing frame. This frame comprises a top rim 6, end frames each comprising upright portions 7 and a bottom portion 9, and transverse braces 10, connecting the upright portions of these end frames near the bottom. The upper ends of the portions 7 of the end frames are flattened and bent around the top rim 6, as shown in Fig. 7, so that they will not materially increase the thickness of this part of the rim. The upper hem portion 5 of the structure is bent around the top rim 6 of the metallic frame and secured in position by stitches or other available fastenings, the said rim being by preference first covered with one or more layers 13, of canvas or other available material, so as to prevent wear of the material of the basket and provide a thickened rim for the same, three or more thicknesses of the material thus surrounding said top rim.

The triangular flaps 4 at the lower portions of the ends of the basket are bent inwardly around the transverse braces 10 and secured to the bottom of the basket by stitches, rivets, or other available fastenings, and a strengthening and stiffening band 11, of fabric similar to that of which the basket itself is composed or of other fabric available for the purpose, is stitched or otherwise secured to the basket just above the bottom of the same, this band being put on under tension and forming loops around the upright portions 7 of the end frames at the corners of the basket.

Riveted or otherwise secured to the bottom of the basket are transverse strips 12, preferably of wood, which overlap the bottom portions 9 of the end frames and by contact therewith serve to support the bottom of the basket and prevent the same from being depressed, so as to come in contact with the floor, and thereby become worn. The bottom portions 9 of the end frames form rails for supporting the basket and permitting the same to be moved about over the floor with the least amount of effort.

By first forming a hem on the upper portion of the fabric composing the basket and then

turning this hemmed portion over the top rim of the metal frame the strength and wearing qualities of the rim of the basket are increased, and by providing the basket near the bottom with the surrounding stiffening and strengthening band 11 the basket is practically hooped at the bottom and its rectangular form is preserved, a distention of the sides or ends of the basket outwardly beyond the limits of the metallic frame being thereby prevented.

By making the basket of a single piece of fabric leakage is prevented when the basket is used for holding powdered or granular material, since there are no apertures in the fabric structure from which such leakage could take place.

If desired, clips such as shown at 14 may be employed at the corners of the basket for engaging with the upright portions 7 of the metallic frame, these clips being riveted or otherwise secured to the fabric of which the basket is composed, and handles of fabric—such as shown, for instance, at 15—may be secured to the rim of the basket at opposite sides of the same.

Instead of forming the stiffening-band 11 into loops at the corners of the basket for the reception of the uprights 7 of the metallic frame said band 11 may be secured closely to the fabric of the basket at the corners and provided with clips 16, embracing the uprights 7, as shown in Fig. 9, and instead of using the bottom rails 9 of the end frames for the support of the strip 12 the latter may be supported upon a special cross-bar 17 of the end frame located above the bottom rail, as shown in Fig. 10.

Having thus described our invention, we claim and desire to secure by Letters Patent—

1. A basket or receptacle consisting of a square or oblong strip of textile fabric folded so as to form a receptacle seamless throughout and having single bottom and sides, lapped ends each presenting three thicknesses of material and triangular end flaps folded under the bottom and secured thereto, substantially as specified.

2. The combination of a basket of textile fabric, with a supporting and bracing frame therefor comprising a top rim, end frames with horizontal bottom portions and uprights secured at the upper ends to said rim, and trans-

verse brace-rods connecting the lower portions of said end frames above the bottom portions of the same, substantially as specified.

3. A basket of textile material folded so as to form bottom flaps at the ends of the same, and an external metal supporting-frame for said receptacle having transverse brace-rods around which said bottom flaps are folded and then secured to the bottom of the receptacle, substantially as specified.

4. The combination of a basket of textile fabric, an external metal frame therefor, and a textile strip or band secured externally to the receptacle and confined to upright corner-bars of said frame, substantially as specified.

5. The combination of a basket of textile fabric, an external metal frame therefor, and bands of textile material secured externally to the basket, and forming loops for the reception of the upright corner-bars of the said metal supporting-frame, substantially as specified.

6. The combination of a basket of textile material, an outer metal supporting-frame therefor having end frames with horizontal rails for resting on the floor and transverse strips secured to the bottom of the basket and overlapping said end frames so as to rest thereon and prevent contact of the bottom of the basket with the floor, substantially as specified.

7. The combination of a basket of textile fabric, with an external metal supporting-frame and clips secured to the textile body of the basket, and embracing the upright corner-bars of said metal frame, substantially as specified.

8. A basket or receptacle of textile material having secured thereto adjacent to the bottom an external, tightly-stretched textile band extending around the receptacle and serving to stiffen and strengthen the same at and near the bottom, substantially as specified.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

WILLIAM MCK. MORRIS.
ELIAL M. STAPLES.

Witnesses:

PHILIP H. BRAKELEY,
E. B. TAUTUM.