

July 17, 1928.

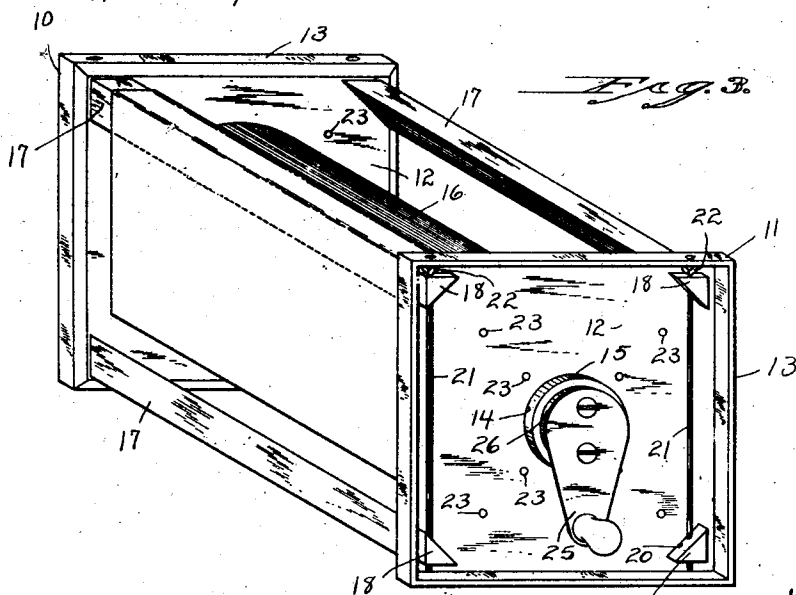
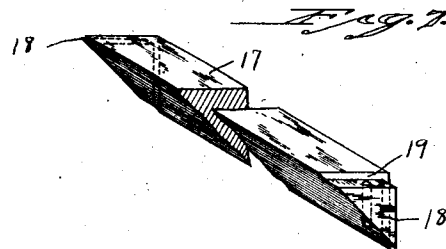
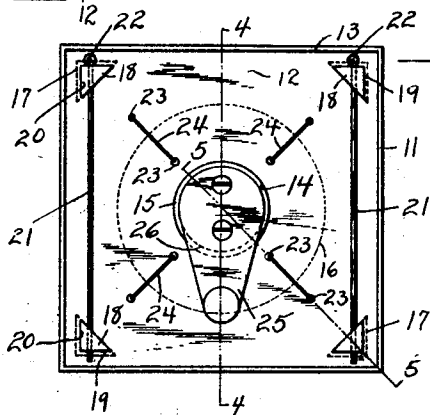
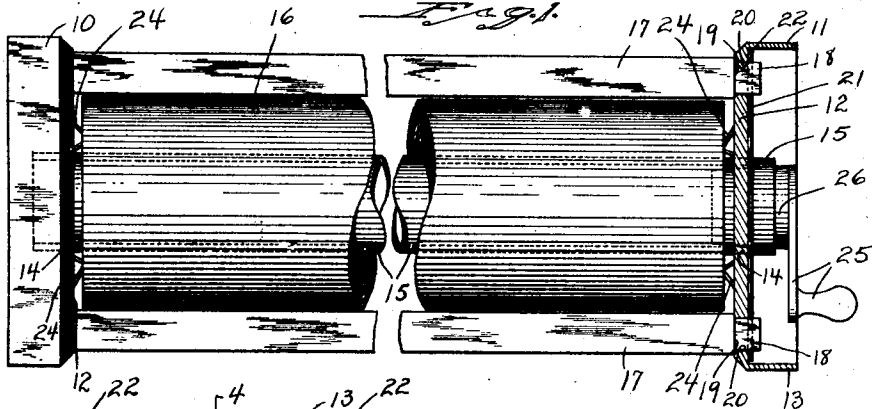
1,677,515

A. M. DURAND

PACKAGE FOR FINE FABRICS AND THE LIKE

Filed Aug. 18, 1927

2 Sheets-Sheet 1



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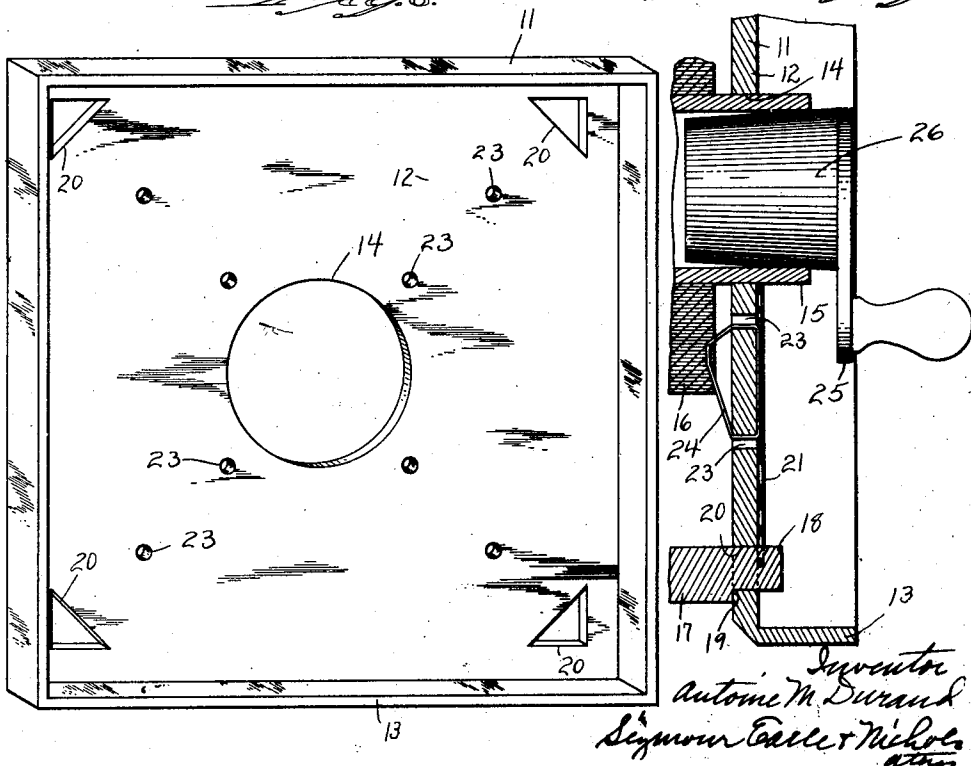
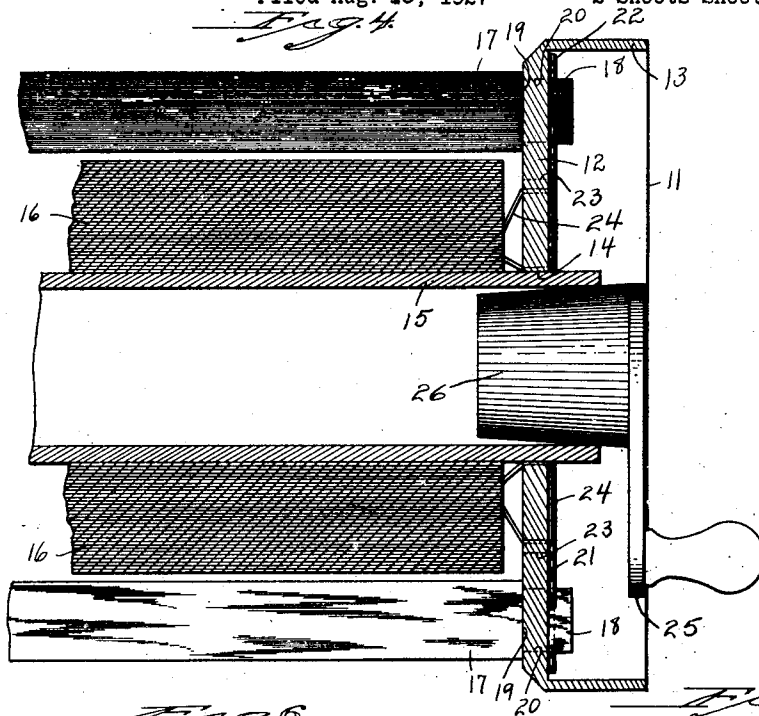
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PACKAGE FOR FINE FABRICS AND THE LIKE

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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE.

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PACKAGE FOR PILE FABRICS AND THE LIKE.

Application filed August 18, 1927. Serial No. 213,716.

This invention relates to an improvement in packages for pile-fabrics and the like and has for its object the production, at a low cost of manufacture, of a simple, strong and convenient package which will effectively protect the contents from crumpling and other injury during shipment.

A further object of this invention is to produce a package for pile-fabrics and the like which will provide a convenient and attractive display stand.

With this object in view, my invention consists in a package for pile-fabrics and the like, characterized by a pair of end-members, a fabric-mounting core extending between the said end-members, means for fastening the ends of a roll of fabric or other sheet material to the respective end-members and a plurality of spacing-bars extending between the said end-members to hold the same in spaced relationship and to prevent the fabric from crumpling.

My invention further consists in a package for pile-fabrics and the like characterized as above and having certain other details of construction and combination of parts as will be hereinafter described and particularly recited in the claims.

Fig. 1 is a broken view in elevation of a package for pile-fabrics and the like constructed in accordance with my invention, with a portion of one of the end-members in section.

Fig. 2 is an end view thereof.

Fig. 3 is a perspective view illustrating the use of my improved package for display purposes.

Fig. 4 is an enlarged broken longitudinal section view on the line 4—4 of Fig. 2.

Fig. 5 is a similar view on the line 5—5 of Fig. 2.

Fig. 6 is a detached perspective view of one of the end-members shown on the same scale as Figs. 5 and 6.

Fig. 7 is a similar but broken view of one of the spacing bars.

In carrying out my invention as herein shown I employ two corresponding rectangular end-members 10 and 11 each of which comprises a rectangular plate-like body 12 and a rectangular flange 13, extending outwardly from it at a right angle. The body portion 12 of each of the end-members is formed with a central bearing opening 14 for the reception of the respective opposite ends of a tubular fabric-mounting core 15

which extends between the said end-members and mounts a roll of fabric 16 which is spirally wrapped around it.

To maintain the end-members 10 and 11 apart in spaced relation, for the purpose as will hereinafter appear, I employ four corresponding spacing-bars 17 of right-angle triangle form in cross section, each of which has its respective opposite ends reduced to form triangular coupling-tongues 18 and abutment shoulders 19. The coupling-tongues 18 at the opposite ends of the spacing bars 17 are entered into triangular positioning-sockets 20 cut through the body portion 12 of each of the end-members 10 and 11 near each of the four corners thereof. The tongues 18 snugly fit the sockets 20 and are held in place therein by means of locking-pins 21 which pass through the said tongues close to the outer-face of the body portion 12 of the end-members so as to maintain the abutment shoulders 19 of the spacing-bars 17 in close engagement with the inner-face of the said end-members. As shown each locking-pin is formed at its upper end with a loop-like head 22 and serves to lock two of the coupling-tongues 18 in place as clearly shown in Figs. 2 and 3 of the drawings.

For the purpose of securing the opposite ends of a roll of fabric 16 to the end-members 10 and 11 respectively, I provide the body portion 12 of each of the said end-members with four pairs of equi-distant perforations 23 through which thread 24 may be passed so as to engage the selvedge of the fabric and secure the same to the end-members as clearly shown in Figs. 4 and 5.

By virtue of the fact that the roll of fabric is secured to the respective end-members 10 and 11 and the latter are held apart in spaced relationship, it follows that the roll of fabric is held taut and prevented from crumpling or wrinkling endwise of itself should the package be dropped on either of its ends in shipment.

Furthermore in addition to guarding the fabric against injury during shipment my improved package provides an attractive display stand. After it is received by a retail store the threads 24 may be cut and removed, thus leaving the fabric-mounting core 15, together with the fabric thereon, free to rotate. The end of the fabric may be unrolled and draped over one of the spacing bars 17 as shown in Fig. 3. When it is

desired to re-roll the fabric back upon the roll the same may be done by rotating the core 15. To provide for the convenient rotation of the core, I propose to provide a
 5 removable crank-handle 25 projecting outward from a tapered cylindrical plug 26 which is adaptable to be forced into one end of the tubular core 15 so as to frictionally engage the same and couple it to the said
 10 handle for concurrent movement.

I claim:

1. A package for pile-fabrics and the like, comprising a pair of end-members; a fabric-mounting core extending between the said
 15 end-members; means for fastening the opposite ends of a roll of fabric to the respective end-members; and a plurality of spacing-bars extending between the said end-members to hold the same in spaced relation, and to prevent the fabric from crumpling.

2. A package for pile fabrics and the like comprising a pair of polygonal end-members; a fabric-mounting core extending between the said end-members; means for fastening the opposite ends of a roll of fabric to the respective end-members; and a plurality of spacing-bars extending between the corners of the said end-members to hold the same in spaced relation and to prevent the fabric from crumpling.

3. A package for pile fabrics and the like comprising a pair of rectangular end-members; a fabric-mounting core extending between the said end-members; means for fastening the opposite ends of a roll of fabric to the respective end members; and a plurality of spacing-bars extending between the corners of the said end-members to hold the same in spaced relation and to prevent the fabric from crumpling.

4. A package for pile-fabrics and the like comprising a pair of end-members; a rotatable fabric mounting core extending between the said end-members; means for fastening the opposite ends of a roll of fabric to the respective end-members; and a plurality of spacing-bars extending between the said end-members to hold the same in spaced relation and to prevent the fabric from crumpling.

5. A package for pile-fabrics and the like comprising a pair of polygonal end-members; a rotatable fabric-mounting core ex-

tending between the said end-members; means for fastening the opposite ends of a roll of fabric to the respective end-members; and a plurality of spacing-bars extending between the corners of the said end-members to hold the same in spaced relation and to prevent the fabric from crumpling.

6. A package for pile-fabrics and the like comprising a pair of rectangular end-members; a rotatable fabric-mounting core extending between the said end members; means for fastening the opposite ends of a roll of fabric to the respective end-members; and a plurality of spacing-bars extending between the corners of the said end-members to hold the same in spaced relation and to prevent the fabric from crumpling.

7. A package for pile-fabrics and the like, comprising a pair of end-members; a fabric-mounting core extending between the said end members; means for fastening the opposite ends of a roll of fabric to the respective end-members; a plurality of sockets formed in the said end-members; and tongued and shouldered spacing-bars extending between the said sockets to hold the said end-members in spaced relation and to prevent the fabric from crumpling.

8. A package for pile-fabrics and the like comprising a pair of polygonal end-members; a fabric-mounting core extending between the said end-members; means for fastening the opposite ends of a roll of fabric to the respective end-members; sockets formed in the corners of the said end-members; and tongued and shouldered spacing-bars extending between the said sockets to hold the end-members in spaced relation and to prevent the fabric from crumpling.

9. A package for pile-fabrics and the like comprising a pair of rectangular end-members; a fabric-mounting core extending between the said end-members; means for fastening the opposite ends of a roll of fabric to the respective end-members; sockets formed in the corners of the said end members; and tongued and shouldered spacing-bars extending between the said sockets to hold the end-members in spaced relation and to prevent the fabric from crumpling.

In testimony whereof, I have signed this specification.

ANTOINE M. DURAND.