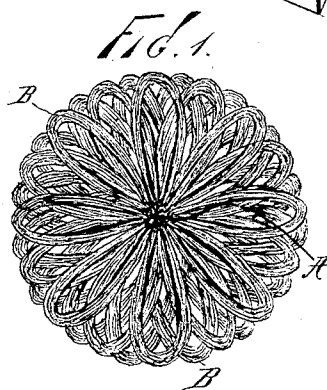
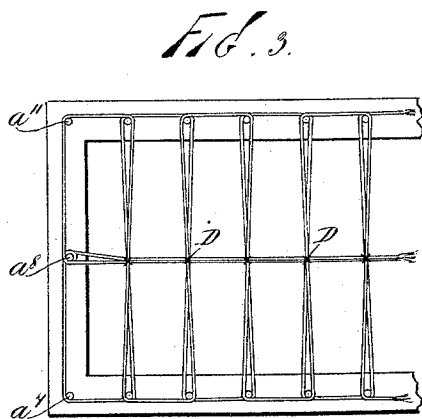
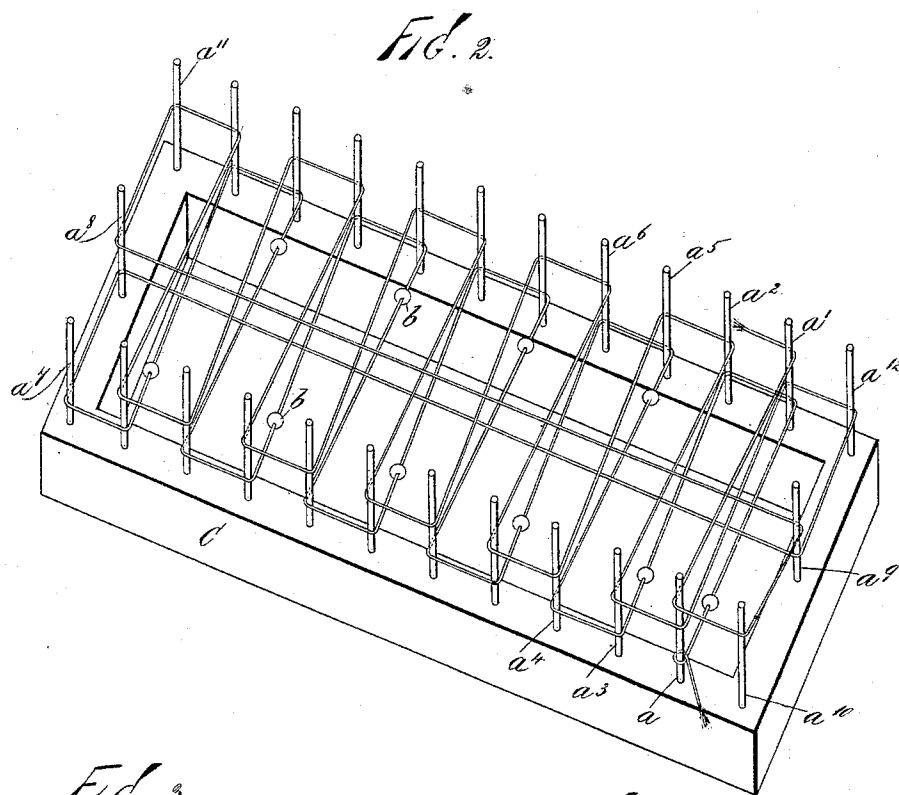


(No Model.)

E. ALLEN.
DRESS TRIMMING.

No. 485,731.

Patented Nov. 8, 1892.



WITNESSES:

Wm. Buckler,
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ELIZA ALLEN, OF NEW YORK, N. Y.

DRESS-TRIMMING.

SPECIFICATION forming part of Letters Patent No. 485,731, dated November 8, 1892.

Application filed April 14, 1892. Serial No. 429,081. (No model.)

To all whom it may concern:

Be it known that I, ELIZA ALLEN, a citizen of the United States, and a resident of the city of New York, county of New York, and State of New York, have invented certain new and useful Improvements in Trimmings, of which the following is a specification.

My invention relates to that class of trimming which is employed upon women's apparel and for other purposes, and has for its object to produce a trimming of this character which shall be cheap to manufacture and ornamental in appearance.

To this end my invention consists in an article of trimming which is formed with a central body or core, with series of loops projecting outward therefrom, all as will hereinafter more fully appear.

Referring to the accompanying drawings, which form part of this specification, Figure 1 is an end view of a piece of trimming made in accordance with my invention; Fig. 2, a diagrammatic view of a frame, showing various steps in the process of manufacture of such trimming; and Fig. 3, a like view showing still further steps employed therein.

In all the figures like letters of reference are employed to designate corresponding parts.

Referring to Fig. 1, A indicates the core or body of my improved trimming, and B the loops projecting therefrom. In the manufacture of this trimming I prefer to make the body and loops integral and to so dispose the latter upon the former as to form a close series around the same, as shown. To produce this trimming, I preferably employ a frame C, of appropriate dimensions, provided with a series of pins lettered in the drawings a to a^{12} , inclusive, projecting from its face, and commence by securing the end of the thread or yarn out of which it is to be manufactured to one of said pin—as, for instance, a . This thread or yarn I then carry across the frame to the opposite side and thence around the pins $a' a^2$, thence back to the side whence it started and around the pins $a^3 a^4$, thence across to the opposite side and around the pins $a^5 a^6$, and so on, continuing this operation until the thread or yarn is carried around the pin a^7 , when the first course of loops B will be completed. The thread or yarn is

next carried around the pin a^8 in the end of the frame, thence back across the loops just formed to the opposite end of the frame and around the pin a^9 , thus forming the first strand of the body portion or core A. After passing around this pin a^9 the thread or yarn is next passed around the pins $a^{12} a'$, thence across to the opposite side and around the pins $a a^3$, thence back across the frame and around the pins $a^2 a^5$, and so on, repeating this operation until the pin a^{11} is reached, when the second course of loops will be formed and superposed upon and lay between the loops of the former course. The thread or yarn having arrived at the pin a^{11} will then pass to and around the pin a^8 , thence longitudinally of the frame across the loops last formed to and around the pin a^9 , thereby adding another strand to the body or core of the trimming, thence to and around the pins $a^{10} a$, and continuing as before, the several operations resulting in alternate courses of loops B and component strands of the body or core A.

The operation above specified will be continued until the desired number of courses of loops and body-strands have been laid around the pins, when the several points of intersection of the thread or yarn composing the loops with the body-strand will be securely tied together by a thread of silk or other material D knotted around them. This securing of the loops to the body-strands may be effected in various ways. I prefer, however, to employ an ordinary tatting-shuttle and to secure the several threads or yarns at their various points of crossing by passing the thread D around the same in two different directions, as shown in Fig. 3, and securely knotting it therearound. The securing of the loops to the body portion or core having been thus effected, the trimming will be removed from the frame and the loops thereof will assume various radial positions with respect to such body, as shown in Fig. 1, and is ready for use. In some instances I may find it convenient to employ only a single course of loops and a body portion or core composed of but a single strand. I prefer, however, to multiply both and use a plurality of rows of loops and a plurality of body or core strands, the former in the manufacture

of the fabric being alternated with the latter and the loops of one course coming between the loops of the other. Again, in some instances it may be found desirable to ornament the loops by beads *b* placed thereon, said beads being strung upon the thread or yarn before commencing the fabric; but this is a refinement, and not essential to my invention.

10 In the formation of my fabric either cotton, linen, woolen, or silk may be employed; but whatever its character the best results are attained when the material is in a loose or slack-twisted condition, as the loops there-
15 of when made from material in that condition assume and maintain a more ornamental and fluffy appearance.

From the foregoing it will be seen that I produce an article of trimmings which is not
20 only cheap and attractive, but also particularly adapted for use as trimming for women's dresses, &c., and also for boas and other similar purposes in the place of furs or other expensive materials.

25 The fabric when completed is not only soft, elastic, fluffy, and permanent in shape, but by a judicious use of colors in its manufacture may be made attractive in appearance.

Having now described my invention, what I

claim as new, and desire to secure by Letters Patent, is—

1. A trimming consisting of a plurality of rows of loops and a plurality of body or core strands knotted together at their points of crossing or intersection by a separate thread
35 or yarn, substantially as described.

2. A trimming consisting of a plurality of rows of loops and a plurality of body or core strands alternated therewith, with the loops of one row arranged between the loops of the
40 other row and the whole secured together at their points of crossing or intersection by a separate thread or yarn, substantially as described.

3. A trimming consisting of a plurality of
45 rows of loops and a plurality of body or core strands, the loops of one course being alternated with the loops of the next course and the whole secured together at their points of crossing or intersection by a separate thread
50 or yarn, substantially as described.

In testimony whereof I have hereunto set my hand this 3d day of December, 1891.

ELIZA ALLEN.

Witnesses:

E. G. THOMPSON,

DANIEL CARRIGG.