

R. Bennett

Putting Needles in Wrappers.

N^o 23742.

Patented Apr. 19. 1859.

Fig. 1.

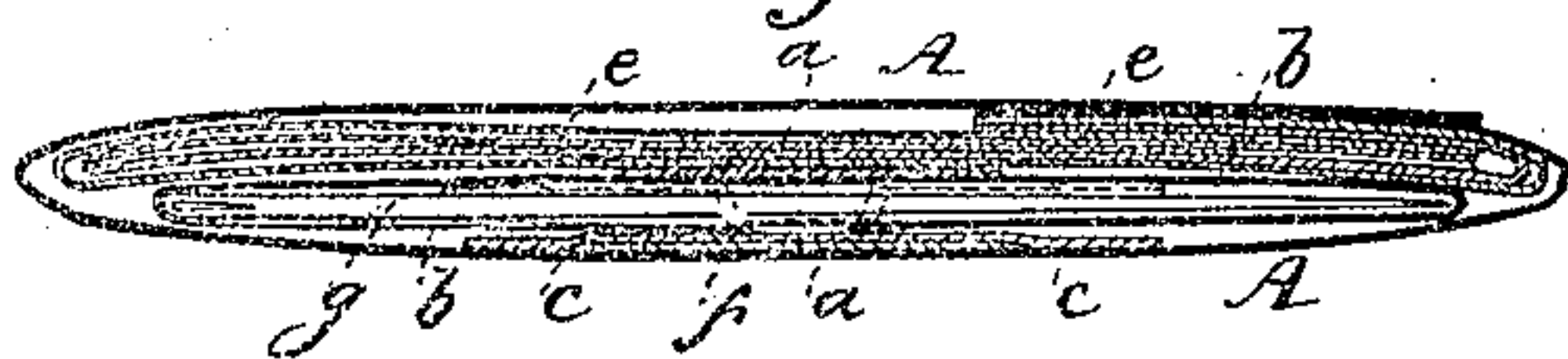


Fig. 2.



Fig. 4.



Fig. 5.

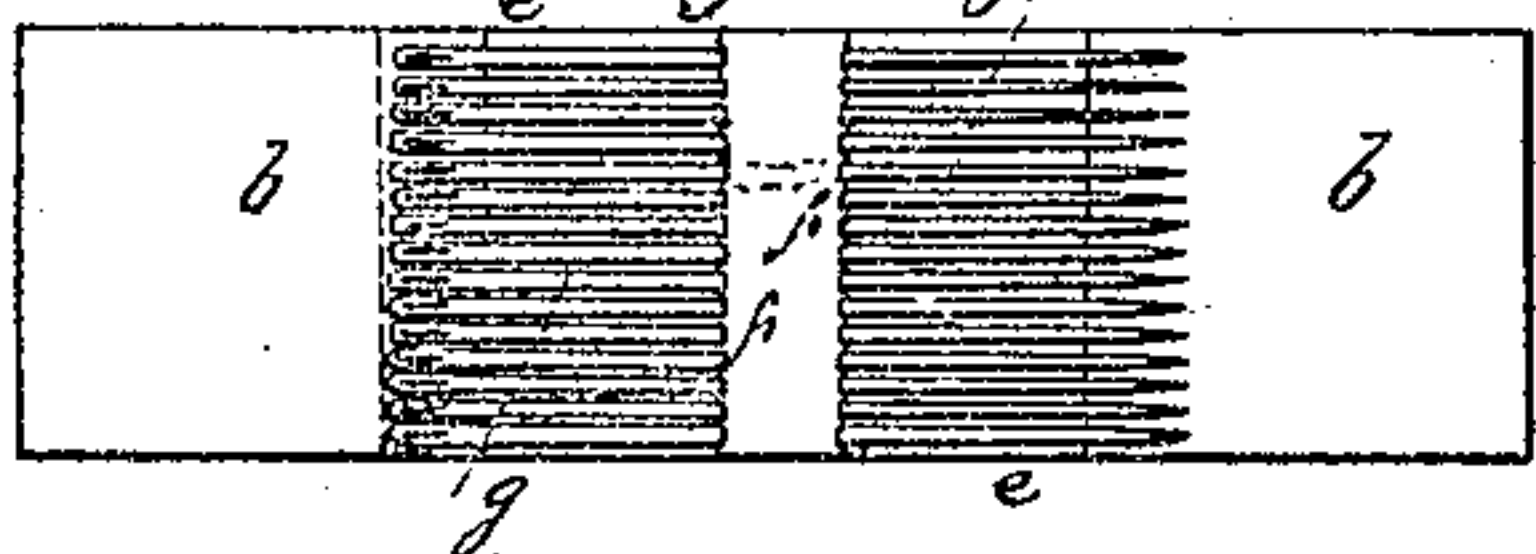
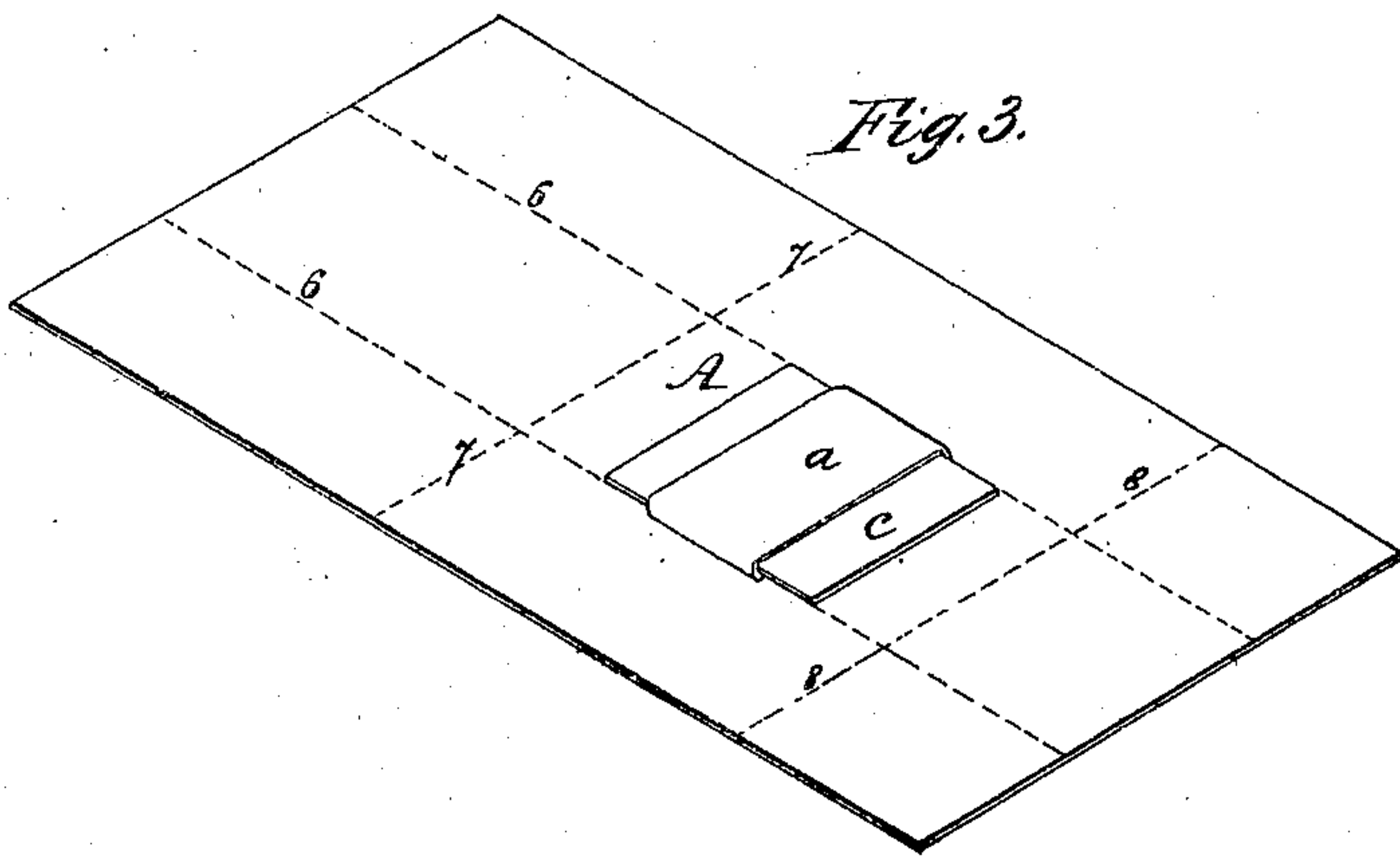


Fig. 3.



Witnesses

R. H. Milward

J. M. G. Hubbard

Inventor

Richard Bennett

UNITED STATES PATENT OFFICE.

RICHARD BENNETT, OF REDDITCH, GREAT BRITAIN, ASSIGNOR TO J. F. MILWARD, OF NEW YORK, N. Y.

NEEDLE-WRAPPER.

Specification of Letters Patent No. 23,742, dated April 19, 1859.

To all whom it may concern:

Be it known that I, RICHARD BENNETT, of Redditch, in the county of Worcester, in the United Kingdom of Great Britain and Ireland, have invented a new and Improved Mode of Putting Up Needles in Wrappers; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1, is a longitudinal section on an exaggerated scale of a paper of needles put up according to my invention. Fig. 2, is a transverse section of the same. Fig. 3, is a perspective view of the wrapper in an open condition. Fig. 4, is a section of the inner paper. Fig. 5, is a plan of the same.

Similar letters of reference indicate like parts in the several figures.

The object of my invention is to confine needles within the paper wrappers in which they are put up for sale, in a more secure manner than by the method heretofore ordinarily employed, which does not afford proper security against their loss when the wrapper is open, and which even when the wrapper is closed does not prevent them from working their way through the ends as the paper becomes worn.

My invention consists in the employment of an inner wrapper having attached to it a piece of cloth or other fabric or material through which the needles are stuck each in a separate hole and which is capable of holding them so as to prevent any longitudinal movement, and in providing the outer wrapper with an attached loop through which the inner one containing the needles is passed, and by which it may be held while the wrapper is open.

A, is the outer wrapper made of paper of the usual form of needle-papers and folded in the usual manner in the lines 6, 6, 7, and 8, indicated in Fig. 3, *a*, is the loop attached to the interior of the said wrapper to receive the inner paper *b*, the said loop being secured between the lines 6, 6, of the side folds of the said wrapper by having its ends turned under a piece *c*, of a width corresponding with the width of the space between the folds 6, 6, which piece *c*, with the turned-in ends of said loop, are pasted

or stuck with some adhesive material to the said wrapper. The loop *a*, and piece *c*, are tinted red in the sections in Figs. 1, and 2, for the sake of distinction.

The inner wrapper *b*, is also of paper of a width nearly equal to the space between the side folds of the outer wrapper and just wide enough to pass through the loop *a*, and of a length about equal to twice the length of the needles. The piece of cloth or other fabric or material *e*, through which the needles are stuck is of the same width as this wrapper *b*, but less than half the length thereof and is arranged near the middle of the length of said wrapper, to which its ends are attached by paste or other adhesive material, leaving only a short portion *f*, *f*, at the middle of its length unstuck, for the needles *g*, *g*, to pass through. The needles pass twice through this piece of fabric so as to leave both their heads and points on the upper or outer surface thereof, as shown in Figs. 4 and 5. The needles may be inserted in the fabric *e*, before it is attached to the wrapper *b*, and while it is folded in a convenient manner over a suitable block or mold.

Before placing the inner wrapper *b*, and its attached piece *e*, containing the needles, into the outer wrapper, the ends of the former are folded over the heads and points of the needles in the manner indicated in red outline in Fig. 4, and in this condition it is passed through the loop *a*, preparatory to the folding of the outer wrapper in the usual manner. The outer wrapper in Figs. 1 and 2, is tinted blue and the inner one *b*, yellow, for the sake of distinction. To take out the needles, the outer wrapper is to be unfolded, and the inner one containing the needles may or may not be drawn out of the loop *a*, when any needles may be drawn out singly without interfering with or displacing the others, which will remain in their places even though the unfolded inner wrapper be thrown about carelessly or dropped, and which may have the ends of said wrapper folded over them again and be replaced at pleasure in the outer one.

Any other material may be used instead of paper, either for the outer or inner wrapper; but as paper is the cheapest material, I prefer to use it.

What I claim as my invention, and desire to secure by Letters Patent, is:—

1. The employment, in combination with the outer wrapper A, of an inner wrapper b, with an attached piece e, through which the needles are stuck in the manner described.

2. And I also claim the employment, in

combination with such inner wrapper, of the loop a, secured to the outer wrapper A, substantially as herein specified.

RICHD. BENNETT.

Witnesses:

R. H. MILWARD,

I. M. G. UNDERHILL.