

No. 882,301.

PATENTED MAR. 17, 1908.

M. E. DOYLE.
CATAMENIAL BANDAGE.
APPLICATION FILED APR. 2, 1906.

Fig. 1.

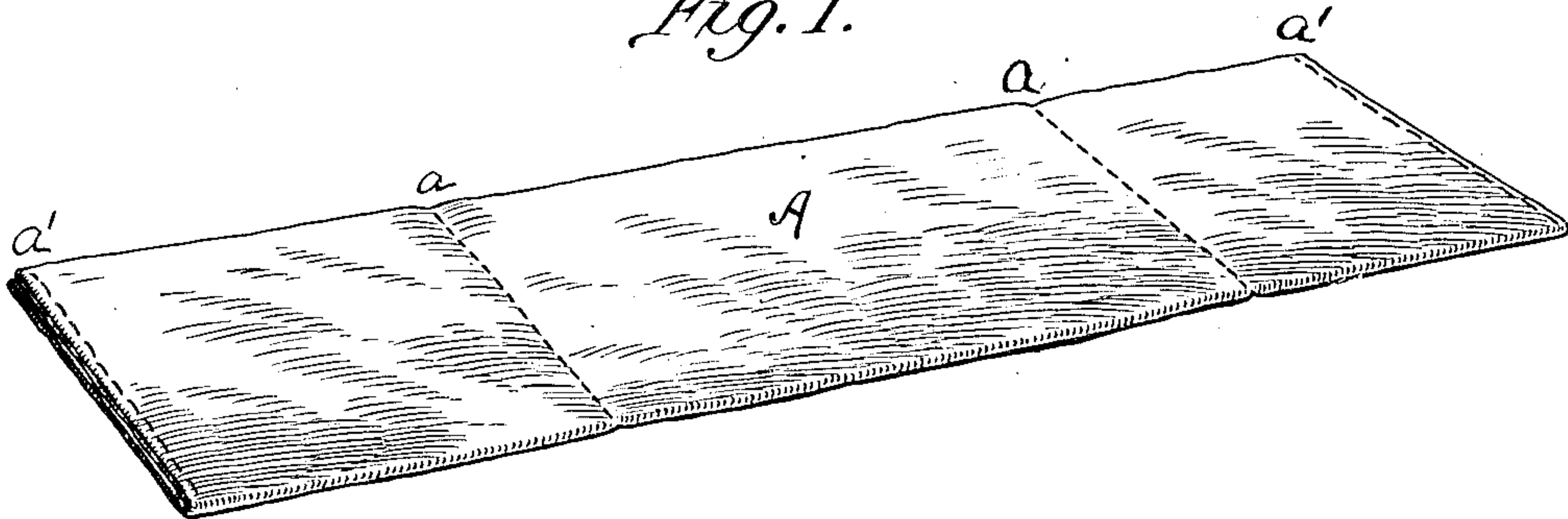


Fig. 2.

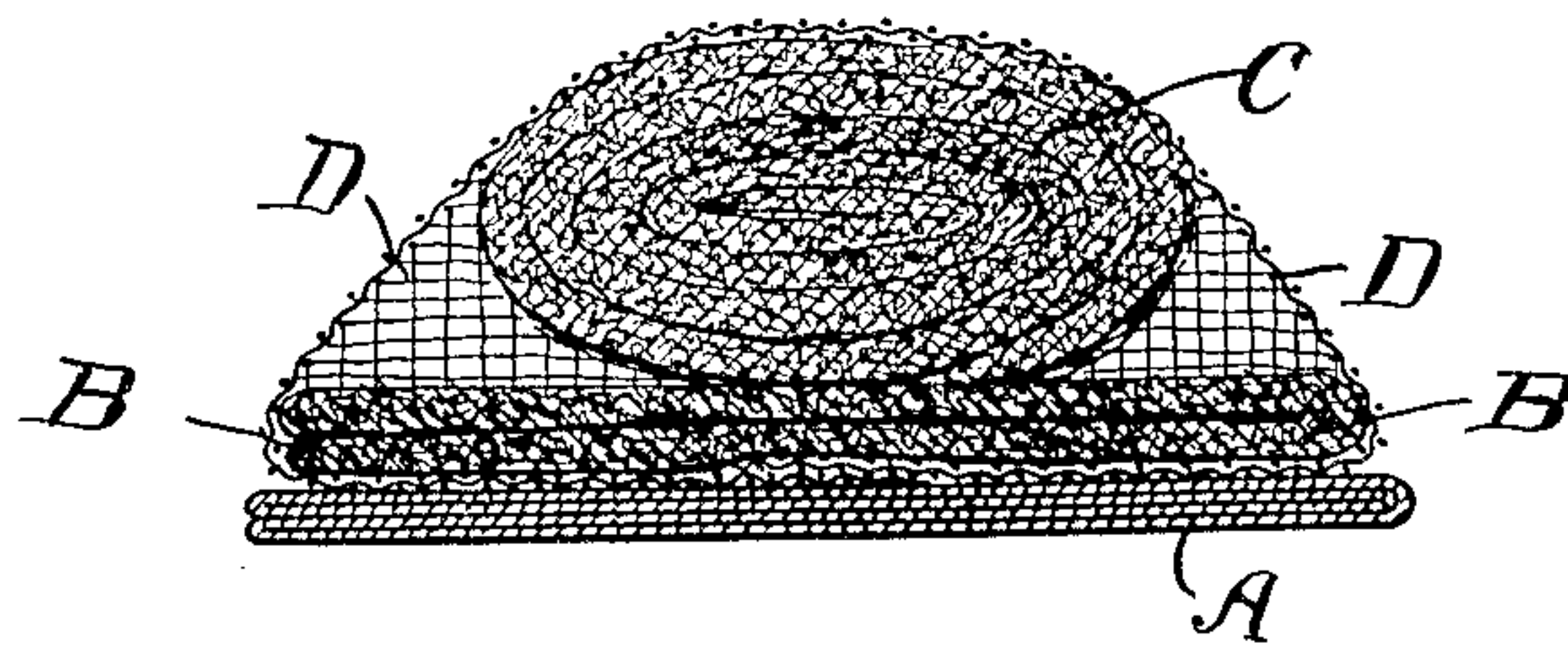
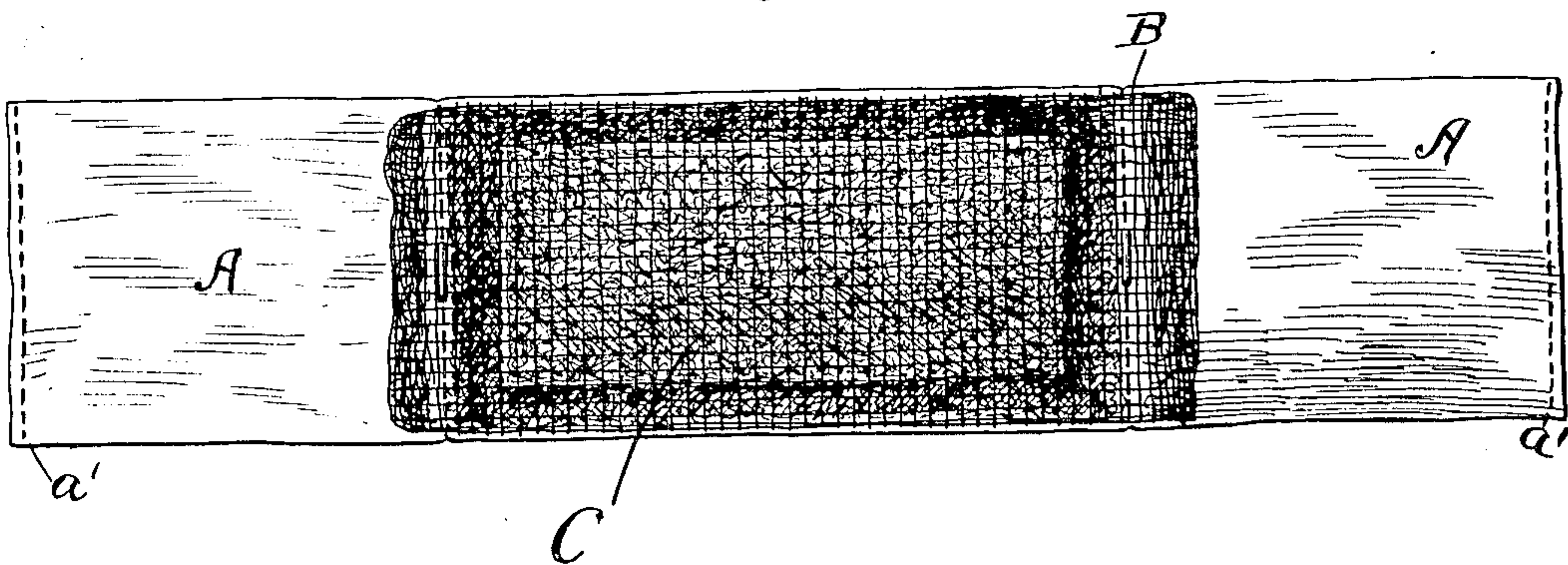


Fig. 3.

Witnesses:

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UNITED STATES PATENT OFFICE.

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CATAMENIAL BANDAGE.

No. 882,301.

Specification of Letters Patent.

Patented March 17, 1908.

Application filed April 2, 1906. Serial No. 309,554.

To all whom it may concern:

Be it known that I, MARY EMMA DOYLE, a citizen of the United States of America, residing at Constableville, Lewis county, New York, have invented certain new and useful Improvements in Catamenial Bandages, of which the following is a specification.

My invention relates to the construction of sanitary towels or surgical bandages. These are usually composed of a suitable foundation or support carrying a facing of absorbent cotton inclosed within gauze or netting or the like, attached in some suitable way to the foundation or support.

The object of my invention is to provide a sanitary towel or bandage which will be more efficient, satisfactory and cleanly in use than those now in common use.

In the accompanying drawings Figure 1 is a perspective view of a suitable foundation strip or support; Fig. 2 is a face view of the bandage; Fig. 3 is a transverse section drawn to a larger scale.

A is the foundation piece or support which I prefer to form of a fold of woven goods. This foundation piece may be of any convenient size and thickness. In the drawings I have indicated it as folded to four thicknesses. Cross stitching as at *a a'* may be added to keep the folds in place, and the inner lines of stitching *a* may also serve to indicate the points of attachment for the facing material. These facing materials are preferably of two kinds, a front piece C of absorbent cotton made up into a roll and a backing layer B of non-absorbent cotton, which latter may be approximately the full width of the foundation piece. The roll of absorbent cotton C is considerably less in width, say an inch and a half less in width, than the layer of non-absorbent cotton. I prefer to make the non-absorbent

layer also longer than the absorbent roll. The rolling of the absorbent cotton enhances its absorbing capacity. These two facing materials B and C are held in place by an inclosing wrapping of very open netting or gauze D of suitable woven or knitted or netted textile material, and which for convenience I will designate as open netting. The facing materials thus made of cotton may be attached to the foundation piece by safety pins or any other convenient means.

An important feature of my invention consists in making this open netting non-absorbent, as by oiling the netting with cotton seed oil or in any other way. For instance, the netting may be woven, knitted or netted from yarn made of cotton from which the natural oil has not been removed. This non-absorbent netting will allow fluid to pass through its meshes freely to the contained roll of absorbent cotton, without itself absorbing the fluid, whereas with ordinary gauze the capillary attraction will draw the fluid down to the foundation piece and under the layers of cotton. With my improved construction, no fluid will pass, under ordinary conditions, further than to the upper surface of the non-absorbent layer of cotton.

I claim as my invention

1. A catamenial bandage having a body of absorbent material and an inclosing open netting of non-absorbent material.

2. A catamenial bandage, having a foundation piece with a backing layer thereon of non-absorbent cotton, a facing of absorbent cotton, and a non-absorbent open netting, inclosing the two said cotton parts.

MARY EMMA DOYLE.

Witnesses:

T. J. CROFOOT,
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