

No. 793,045.

PATENTED JUNE 27, 1905.

F. L. BRONSON.  
MOUNT FOR HOOKS AND EYES.  
APPLICATION FILED OCT. 3, 1903.

FIG. 2.

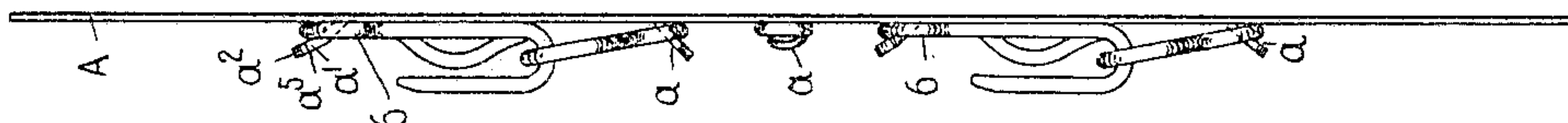
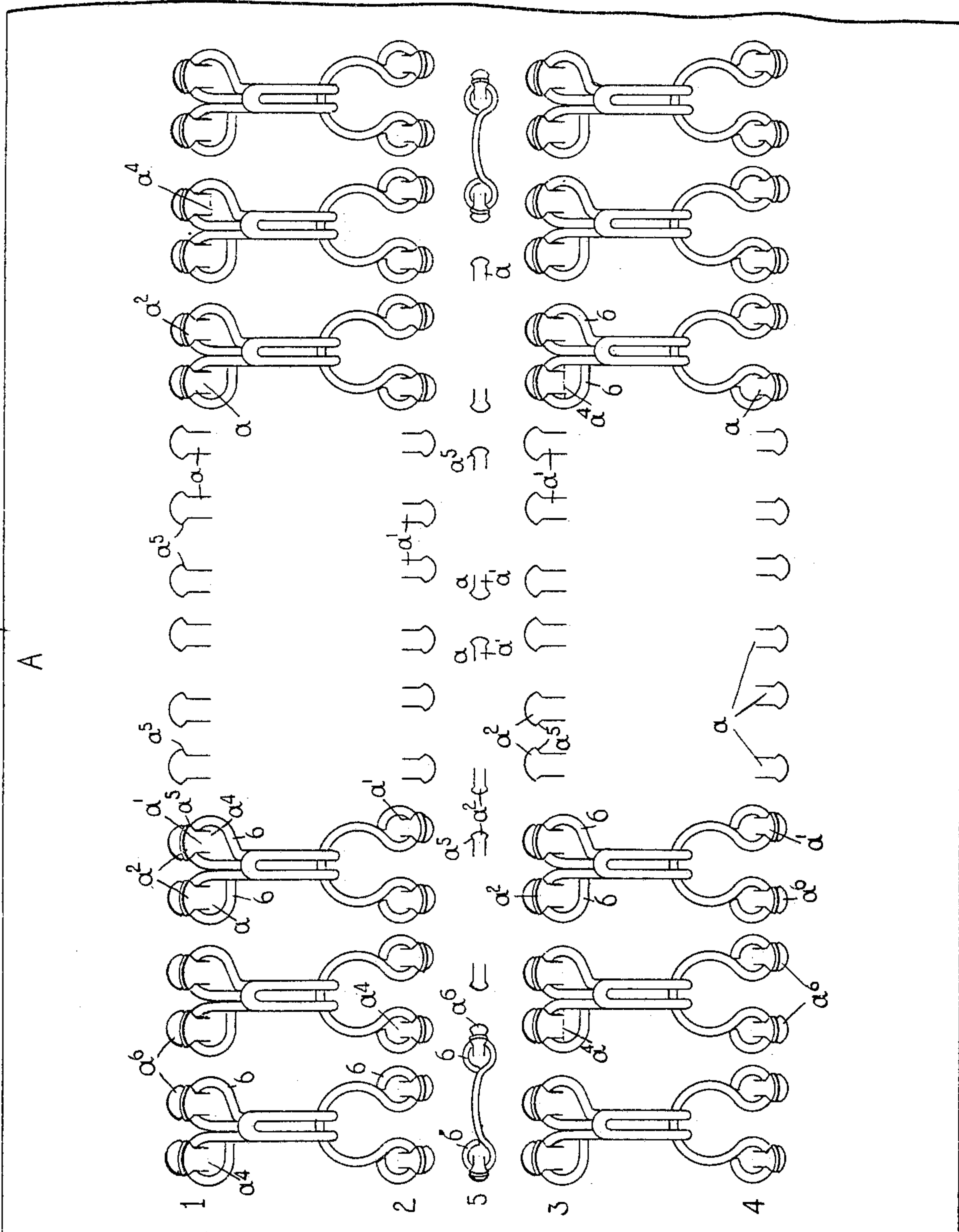


FIG. 1.



WITNESSES.

*S. Nelson*  
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INVENTOR.

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*by Maria Smith*  
HIS ATTORNEY



# UNITED STATES PATENT OFFICE.

EDWARD L. BRONSON, OF WATERBURY, CONNECTICUT.

## MOUNT FOR HOOKS AND EYES.

SPECIFICATION forming part of Letters Patent No. 793,045, dated June 27, 1905.

Application filed October 3, 1903. Serial No. 175,642.

*To all whom it may concern:*

Be it known that I, EDWARD L. BRONSON, a citizen of the United States, residing at Waterbury, in the county of New Haven and State  
5 of Connecticut, have invented certain new and useful Improvements in Mounts for Hooks and Eyes, of which the following is a specification.

My invention relates to mountings for hooks  
10 and eyes.

Heretofore it has been customary to sew the hooks and eyes to cards in order to securely unite them thereto; but this method when carried out by hand is slow and expensive, and when the hooks and eyes are sewed  
15 on by special machines devised for this purpose it requires expensive and complicated machinery to attain the ends. Furthermore, sewing on of hooks and eyes to cards is open  
20 to the disadvantage that in the event of a thread being broken the hooks or eyes of an entire row are liable to drop off. Attempts have been made to provide other means for uniting the hooks and eyes to the cards; but  
25 in every case they have proven unsatisfactory, either by reason of the fact that considerable portions of the hooks and eyes were covered and could not be seen by the purchaser or the fastenings were insecure and the hooks and  
30 eyes would be accidentally detached from the cards in handling, and in practice the method of sewing on the hooks and eyes was when considered from every point of view the most feasible and reliable, notwithstanding the ob-  
35 vious disadvantages inherent in this method.

The object of my invention is to provide a simple, cheap, and efficient mount for hooks and eyes wherein there is no necessity for sewing the hooks and eyes in place and in  
40 which they can be readily and securely united to the mount.

To the above and other ends, which will hereinafter appear, my invention consists in the novel construction, arrangement, and combination of parts hereinafter described and  
45 claimed.

In the accompanying drawings, wherein like reference characters indicate corresponding parts in both views, Figure 1 is a plan view of  
50 a card-mount embodying my invention, some

of the hooks and eyes being shown secured in place thereon. Fig. 2 is a transverse sectional view of the same.

The mount preferably consists of a single piece A of stiff paper or cardboard or other  
55 suitable material, which is provided with a series of tongues *a*, that are preferably cut from and are formed integral with the body A of the mount, though obviously these  
60 tongues may be formed on separate strips that may be pasted or otherwise secured thereto. The tongues are arranged in a suitable number of series 1, 2, 3, 4, and 5, and the  
65 tongues of certain series 1 2 and 3 4, for instance, are oppositely disposed, whereas the tongues of each pair of the intermediate series 5 are oppositely disposed. The oppositely-disposed cooperating tongues of the various series  
70 are disposed at distances apart which conform substantially to the distance between the fastening loops or eyes 6 of each connected pair of hooks and eyes, as in the series 1 2 and 3 and 4,  
75 or between the securing-loops of a single hook or eye, as in the series 5. The tongues of each series are formed with a contracted or neck portion *a'*, which is preferably smaller  
80 than the internal diameter of the fastening or securing loop of each hook and eye and is united at one end to the body of the mount and is provided with an enlarged portion *a''*,  
85 that is preferably in the form of a half-round terminal portion. The greatest width of the enlargement is preferably equal to or slightly exceeds the greatest width or internal diameter (indicated at *a'''*) of the securing-loop of  
90 each hook or eye to be secured to the tongue, and the formation of each enlargement is such that laterally-projecting shoulders *a'''* are provided on the sides thereof. Where the  
95 size of the loops for the hooks and eyes vary, as they do in the present instance, the enlargements will vary accordingly.

In mounting the hooks and eyes I simultaneously move all of the tongues by suitable means to a position perpendicular to the plane  
95 of the body of the mount, so that the rounded ends thereof will be uppermost. The united hooks and eyes to be connected to the series of tongues 1 2 and 3 4, or the single  
100 hooks or eyes of the series 5, are then placed



with their securing-loops on their respective pins, the greatest internal diameter of the fastening-loops being brought opposite the widest portions of the tongues, and the loops, if they touch the tongues at all, bear or impinge against the rounded ends thereof, and the loops may be readily forced down over the tongues and will force the extremities of the widest portion of each tongue toward each other if there is any contact between the fastening-loops and the tongues. The cooperating tongues of each hook and eye or for each eye or hook, as the case may be, are bent away from each other, as represented in Fig. 1, and the enlargement on each tongue will be seated in one of the narrowest portions of its fastening-loop, and it is virtually impossible to remove the hooks and eyes without forcibly tearing them from their fastenings. There is but one position in which each set of hooks and eyes can be removed from its fastenings, and this is to have the four tongues which secure the set in place stand perpendicular to the card and have the enlarged portion of each tongue for the set exactly centered in the loop or opposite the widest portion thereof and then exert an equal strain simultaneously on both hook and eye in a direction perpendicular to the plane of the card, and even then it will be difficult to remove the hooks and eyes, because the angular shoulders will tend to resist the removal, especially if the enlargements are adapted to fit the fastening-loops snugly or are slightly larger than the internal diameters thereof. The same is true where the hooks and eyes are separately secured in place, as in the series 5, except that they may be removed separately.

It will be observed that each hook and eye is secured to the mount independently of the others, so that one may be readily removed without affecting the fastening means of the others, which is not the case where the hooks and eyes are sewed on.

While I have shown and described one form of mount embodying my invention, it should be understood that various changes may be made without departing from the invention as defined in the following claims.

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

1. A mount for hooks and eyes which comprises a body portion, fastening-tongues for securing said hooks and eyes in place on the body portion and enlargements on the tongues, substantially as described.

2. A mount for hooks and eyes which comprises a body portion, fastening-tongues for

securing said hooks and eyes in place on the body portion and enlargements on the tongues, said enlargements being larger than the narrowest portions of the hooks and eyes with which they have to cooperate, substantially as described.

3. A mount for hooks and eyes which comprises a body portion, fastening-tongues for securing said hooks and eyes in place on the body portion and enlargements on the tongues, each of said enlargements being substantially the diameter of the largest portion of the hook or eye with which it cooperates and larger than the narrowest portion of the hook and eye with which it cooperates, substantially as described.

4. A mount for hooks and eyes which comprises a body portion, fastening-tongues formed integral therewith, said tongues having contracted necks and enlarged terminal portions that are adapted to be projected through the fastening-loops of the hooks and eyes, and prevent the accidental dislodgment of the hooks and eyes from the mount, substantially as described.

5. A mount for hooks and eyes which comprises a body portion, oppositely-disposed fastening-tongues formed integral therewith, each of said tongues having a contracted neck and enlarged terminal portion that is adapted to be projected through a fastening-loop of a hook or eye at the widest portions thereof and prevent the accidental dislodgment of the hooks and eyes from the mount, and laterally-extending shoulders formed on each of said tongues.

6. A mount for hooks and eyes which comprises a body portion, oppositely-disposed tongues  $a$  formed integral with said body portion and adapted to be projected to a position substantially perpendicular to the plane of the body portion of the mount to receive the fastening-loop of a hook or eye, each of said tongues having a contracted neck portion  $a'$  and an enlarged terminal portion  $a''$ , which is curved on the extremity thereof and is provided with laterally-extending shoulders  $a^5$  that tend to prevent the accidental displacement of the hooks and eyes, the widest portion of the enlargement of each tongue being substantially the width of a cooperating fastening-loop of a hook or eye at the widest portion thereof, substantially as described.

In testimony whereof I hereunto subscribe my name in the presence of two witnesses.

EDWARD L. BRONSON.

Witnesses:

ELLA V. BRONSON,  
C. E. DAVIS.