

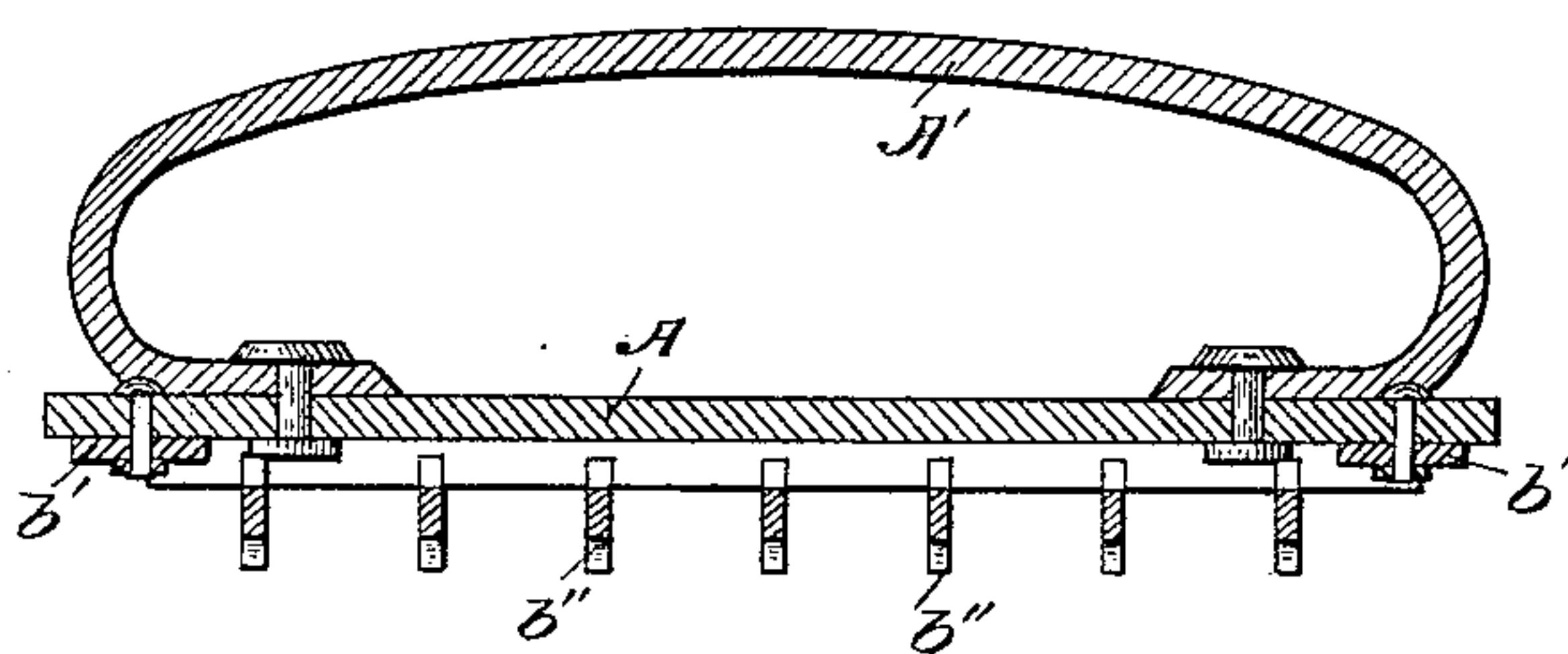
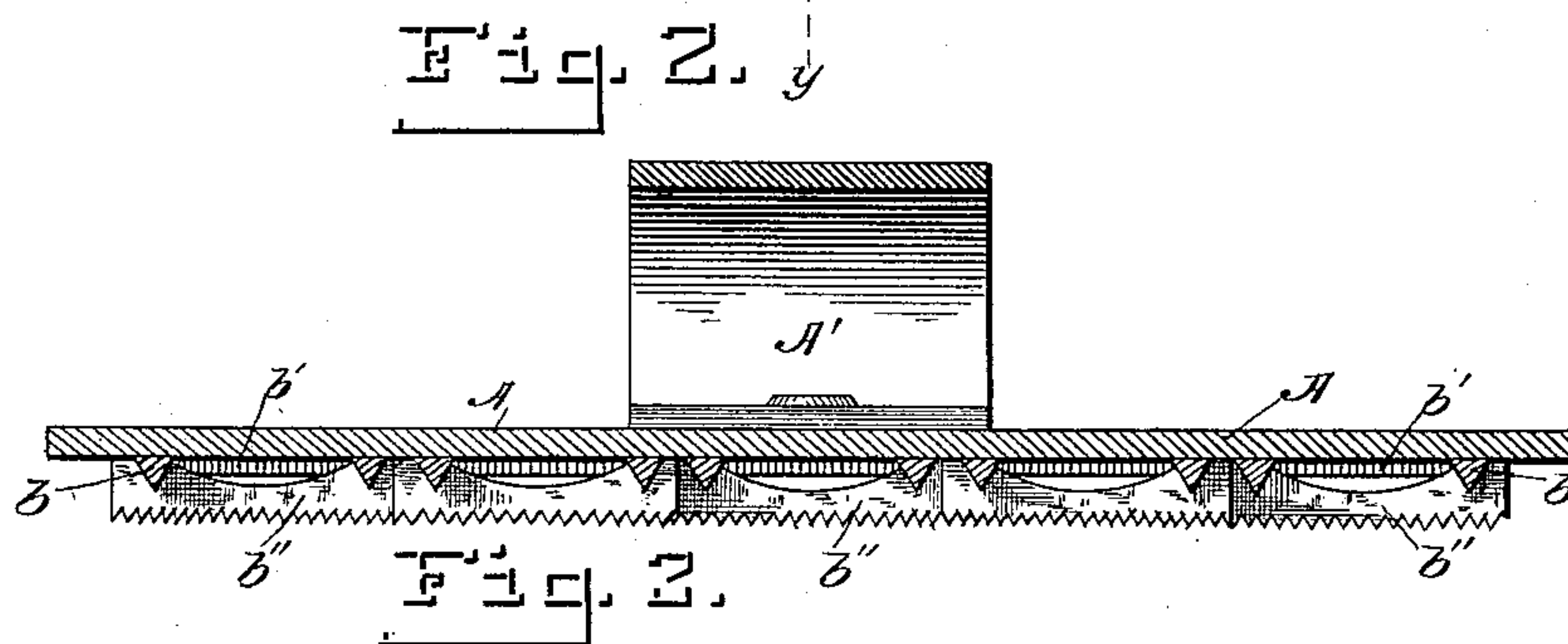
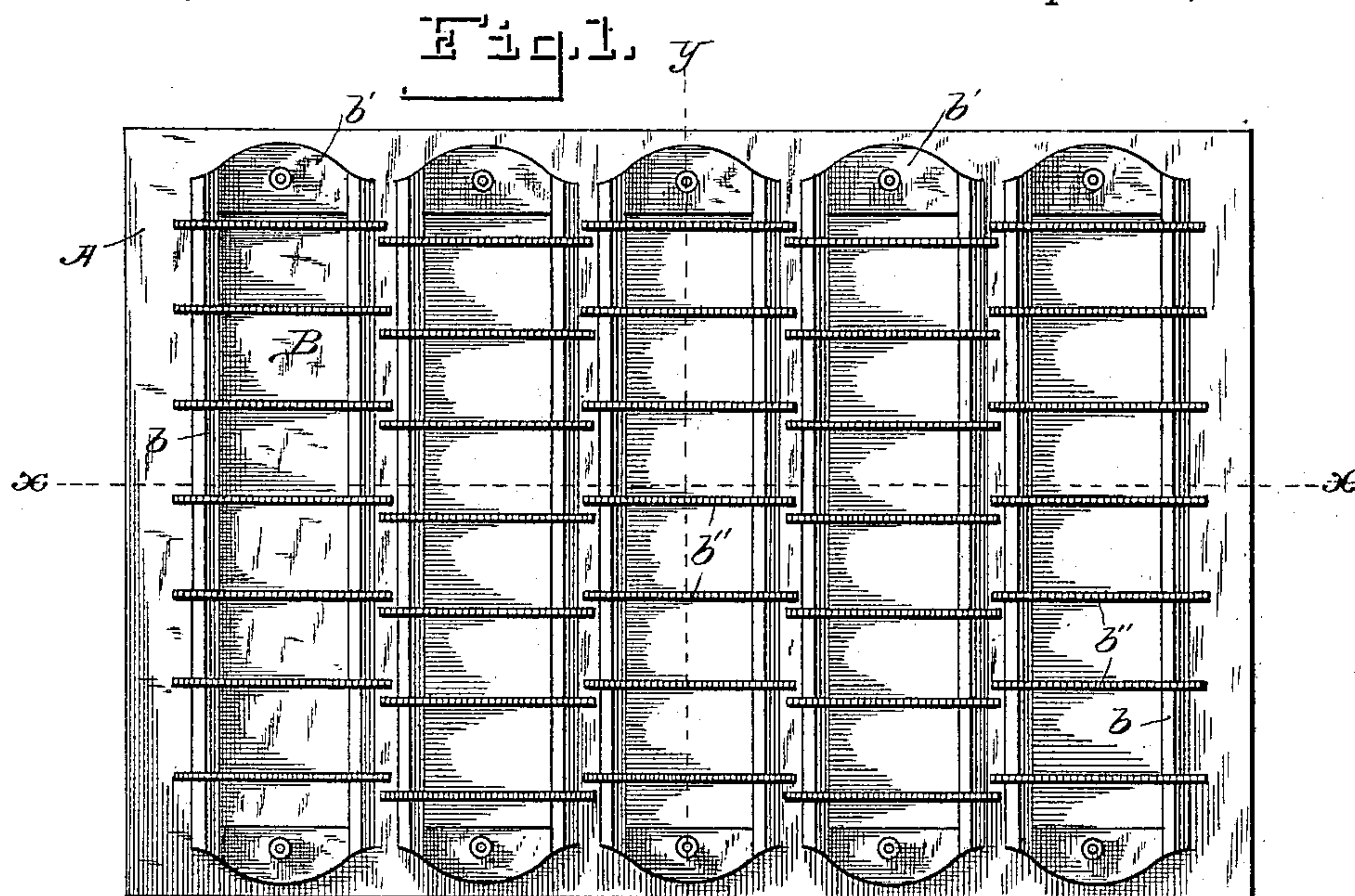
(No Model.)

L. M. DEVORE.

CURRY COMB.

No. 389,451.

Patented Sept. 11, 1888.



Witnesses

Harry S. Rohrer.

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LEVI M. DEVORE, OF FREEPORT, ILLINOIS.

CURRY-COMB.

SPECIFICATION forming part of Letters Patent No. 389,451, dated September 11, 1888.

Application filed January 28, 1888. Serial No. 262,253. (No model.)

To all whom it may concern:

Be it known that I, LEVI M. DEVORE, a resident of Freeport, in the county of Stephenson and State of Illinois, have invented certain new and useful Improvements in Curry-Combs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to improvements in curry-combs, and is fully described and explained in this specification and shown in the accompanying drawings, in which—

Figure 1 is a bottom plan of a curry-comb embodying my improvements. Fig. 2 is a section of the same through the line $x x$, Fig. 1. Fig. 3 is a section of the same through the line $y y$, Fig. 1.

In the views, A is a flexible back of leather, rubber, or other suitable material, and A' is a handle secured to the upper face of the back, and preferably at right angles to the line of its greatest length. On the lower face of the back are secured a series of rigid sections, B, preferably of cast metal, extending across the back in lines parallel to the line of the handle A', and, like the handle, preferably transverse to the line of greatest length of the back. Each of the sections, as illustrated in the drawings, consists of two parallel side bars, b , joined at their ends by plates b' , formed integrally with the side bars, and pierced with holes for rivets, by means of which the section is fastened to the back. A series of thin webs, b'' , having their outer edges toothed or serrated, as shown, are formed integrally with the side bars, b , and extend transversely across the space between them. The ends of the webs b'' project on either side beyond the side bars, and the contiguous sections are so placed with reference to each other that the ends of the webs of one section slightly overlap the ends of the corresponding webs of the next section. The different sections are separated by spaces sufficient to allow the bending of the back about the lines between the sections, the face of the back on which the sections are fastened being inward and becoming concave when the back is bent; and it is evident that as the ends of the webs b'' project outside of the side bars, b , the space between

the sections necessary to permit of such bending of the back is considerably less when the sections are offset in the manner described than if they were so placed as to bring each web in the same plane with the corresponding web in the next section. The necessity for making the back flexible in the manner described and the difference in the use of a curry-comb having such a flexible back as compared with one having a rigid back are too evident to require explanation.

The sections B may be considerably varied in form without changing their use, the manner of their application to the back, or the operation of the completed curry-comb. It is evident that the base of each of the sections, instead of being a skeleton base consisting of the side bars, b , and the cross-plates b' , may be a solid plate, on which the webs b'' are cast directly; but the form shown and described operates equally as well as one having a solid base, and is considerably lighter and cheaper. The sections may, if desired, be made of sheet metal, the toothed webs b'' being struck up from the sheet which forms the base; but I am satisfied from my experiments with both forms that the cast-metal sections are as effective as those made of sheet metal, and are somewhat cheaper to manufacture. The teeth of the webs shown in the drawings are ordinary saw-teeth, having the same bevel on both sides. The form of these teeth is, however, not essential, the only object to be attained being the providing of the sections with projections of such number, size, and sharpness as will make the curry-comb operative and effective.

Having now described and explained my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a curry-comb, the combination of a flexible back, a loop or handle fastened to and extending across the upper face of the back, and a series of sections fastened to the lower face of the back in lines approximately parallel to the line of the handle, and provided with teeth arranged in lines transverse to the line of the handle, substantially as and for the purpose set forth.

2. The combination, with the back A, of the rigid parallel sections B, fastened to the back, each of said sections consisting of a base-plate

and a series of transverse webs formed integrally with the base-plate and having their exposed edges formed with teeth, substantially as and for the purpose set forth.

- 5 3. The combination, with the back A and the handle A', fastened to the upper face of the back, of the rigid metal sections B, fastened to the lower face of the back in lines parallel with the handle A', each of said sections being made
10 up of parallel side bars, *b b*, end plates, *b'*, connecting said side bars and adapted to be riv-

eted to the back, and transverse webs *b''*, formed integrally with the side bars and having their edges serrated, substantially as and for the purpose set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

LEVI M. DEVORE.

Witnesses:

R. H. WILES,
WALLACE GREENE.