

C. W. SANDERS.
PAPER CLIP.
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912,895.

Patented Feb. 16, 1909.

Fig. 1.

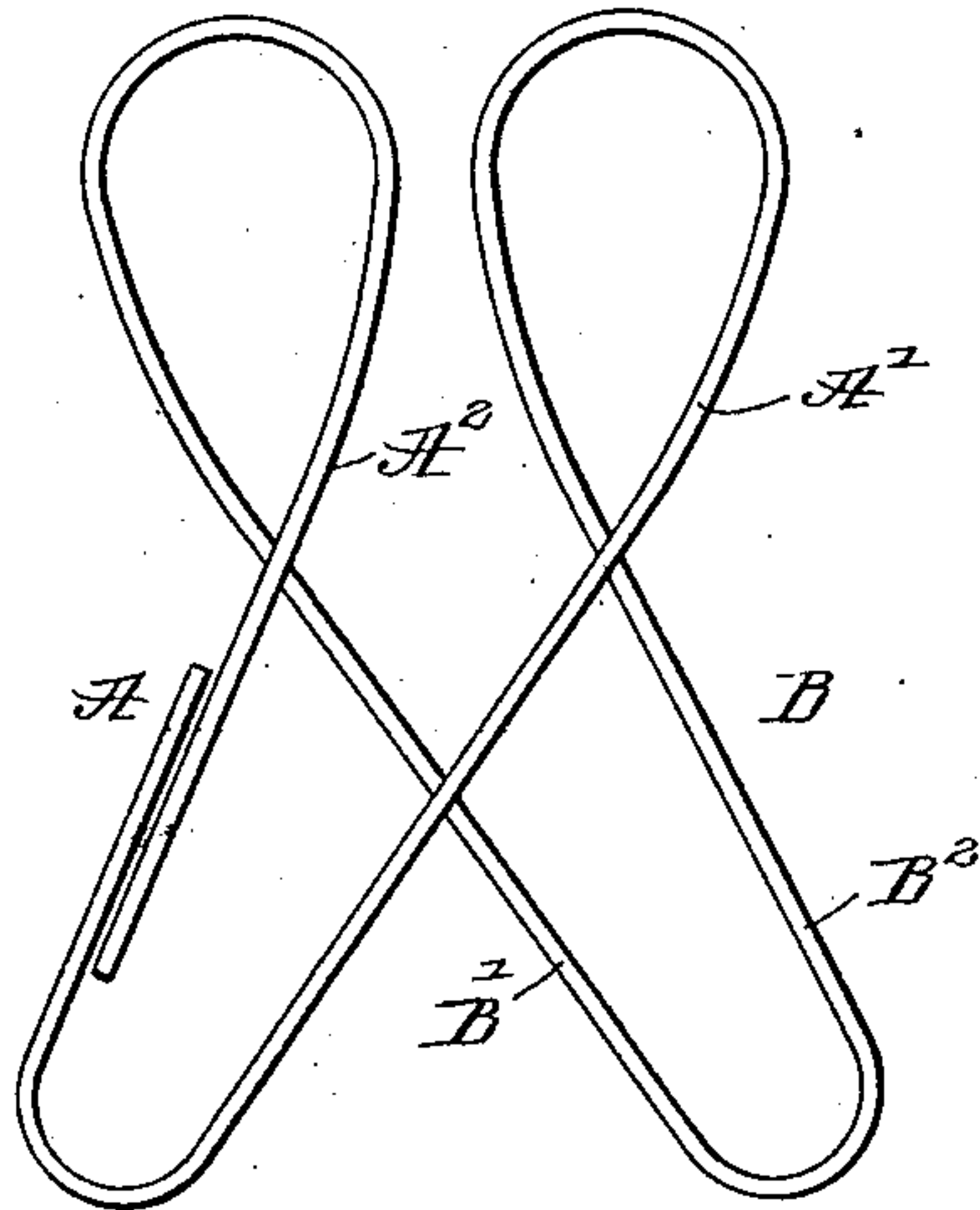
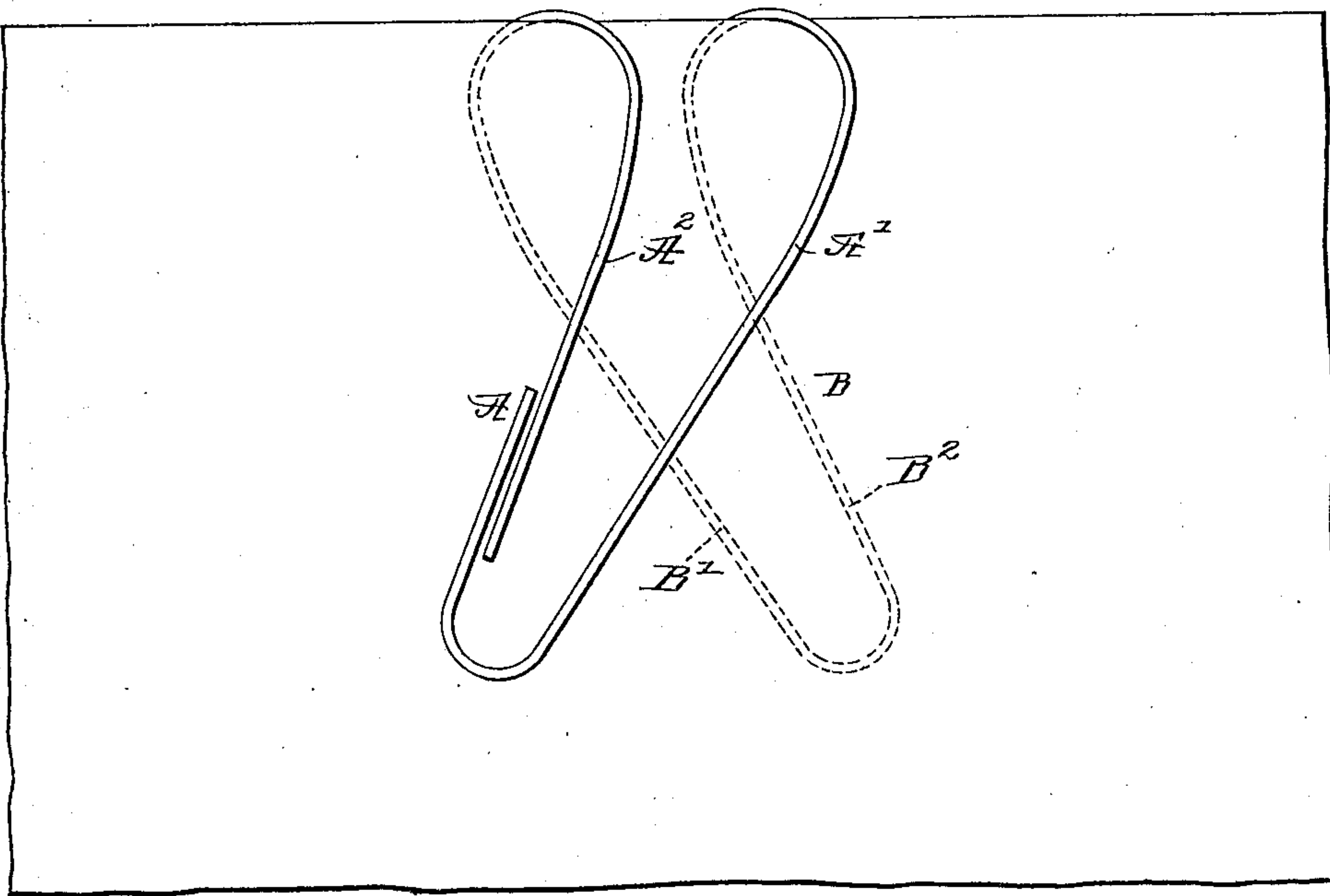


Fig. 2.



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PAPER-CLIP.

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To all whom it may concern:

Be it known that I, CLYDE W. SANDERS, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Paper-Clips, of which the following is a specification.

This invention is an improvement in paper clips, and consists in certain novel constructions and combinations of parts as will be hereinafter described and claimed.

In the drawing Figure 1 is a side view of the clip ready for use, and Fig. 2 is a face view of the clip applied to a bundle of papers, one jaw of the clip being shown in full lines and the other jaw in dotted lines.

The clip, as shown, is formed of wire bent into the shape shown best in Figs. 1 and 2, and having the two jaws A and B, the jaws being alike except that one of the side bars of one of the jaws is divided, being formed by the meeting ends of the wire, and the said meeting ends being extended to overlap each other, as shown in the drawing. The arms A and B cross each other at an angle, the outer bar A' of the jaw A crossing both bars of the jaw B and the other bar A² of the jaw A crossing only the outer bar of the jaw B, and the bars B' and B² of the jaw B being similarly disposed with respect to the bars A' and A² of the jaw A, as shown. The upper ends of the inner bars of the jaws are connected with the upper ends of the inner bars of the opposing jaws by gradual curves forming loops in which the paper to be fastened fits, as shown in Fig. 2 of the drawing.

By the described construction, it will be noticed I provide a paper clip comprising two opposing jaws each having two side bars connected at their lower ends by curved portions and the two opposing jaws cross each other at an angle so they operate to bind the paper between them and are united at their upper ends in such manner as to form spaced apart loops within which the papers to be fastened fit so such papers will be securely clamped between the opposing jaws. It will also be understood that the jaws cross each other at an angle producing at the middle of the lower portion of the clip, a V shaped opening or recess which facilitates the fitting of the clip over the papers to be fastened, in the use of the device.

The clip is made of suitable spring wire and can, if desired, be made in various sizes, the usual size being about one inch square,

and the clip may be plated or otherwise finished, as desired.

It will be noticed that the bar B' is so arranged that papers can fold over the same readily, whichever side of the clip is upward, the arrangement of the said bar being the same.

The clip can be easily slipped upon a bunch of papers because the V shaped opening between the lower ends of the jaws, and the clip has the maximum number of contact points and no rough ends to catch papers.

I claim—

1. A clip composed of wire bent to form a pair of opposing jaws in planes approximately parallel with each other, each jaw consisting of two arms, and the jaws being arranged to cross each other at an angle forming a V shaped opening at the lower end of the clip and the side bars of each jaw being united at their upper ends with the corresponding side bars of the other jaw forming loops receiving the edge of the paper to be held, substantially as set forth.

2. A clip comprising a pair of jaws in planes approximately parallel with each other crossing each other at an angle and having side bars spaced apart and bent into a loop connection at their upper ends with the side bars of the opposite jaws, substantially as set forth.

3. A clip substantially as described, bent from a length of wire and formed with the opposing jaws in planes approximately parallel with each other, each pair of jaws crossing each other at an angle, the said jaws having each a pair of side bars spaced apart and the side bars of the opposite jaws being united forming loops and one of the side bars being composed of the meeting ends of the wire, overlapping, substantially as set forth.

4. A clip comprising a pair of jaws in planes approximately parallel with each other crossing each other at an angle, each jaw consisting of two side bars and these side bars being connected at their upper ends with the corresponding side bars of the other jaw, and one side bar of each jaw being connected at the lower end with the other side bar of the same jaw forming loop connections, substantially as set forth.

5. A clip comprising a pair of jaws in planes approximately parallel with each other crossing each other at an angle, each

jaw consisting of two side bars and these side bars being connected at their upper ends with the corresponding side bars of the other jaw, and one side bar of each jaw
5 being connected at the lower end with the other side bar of the same jaw forming loop connections, and each side bar between its

upper and lower ends being approximately straight, substantially as set forth.

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