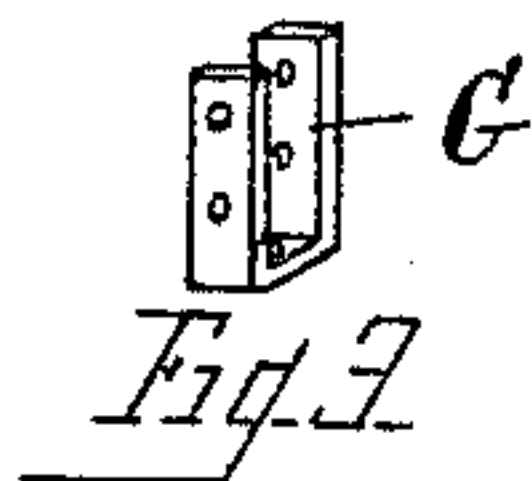
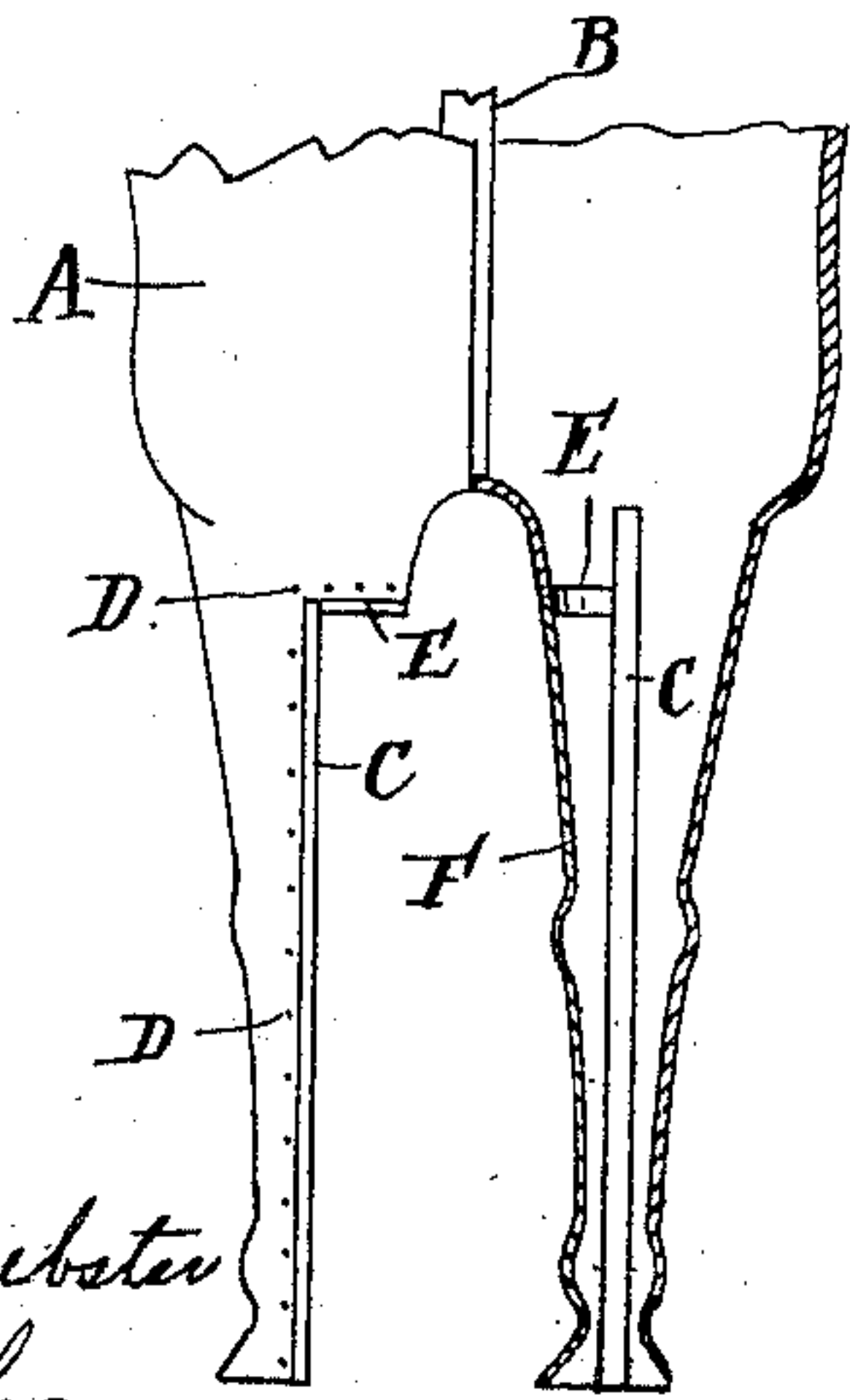
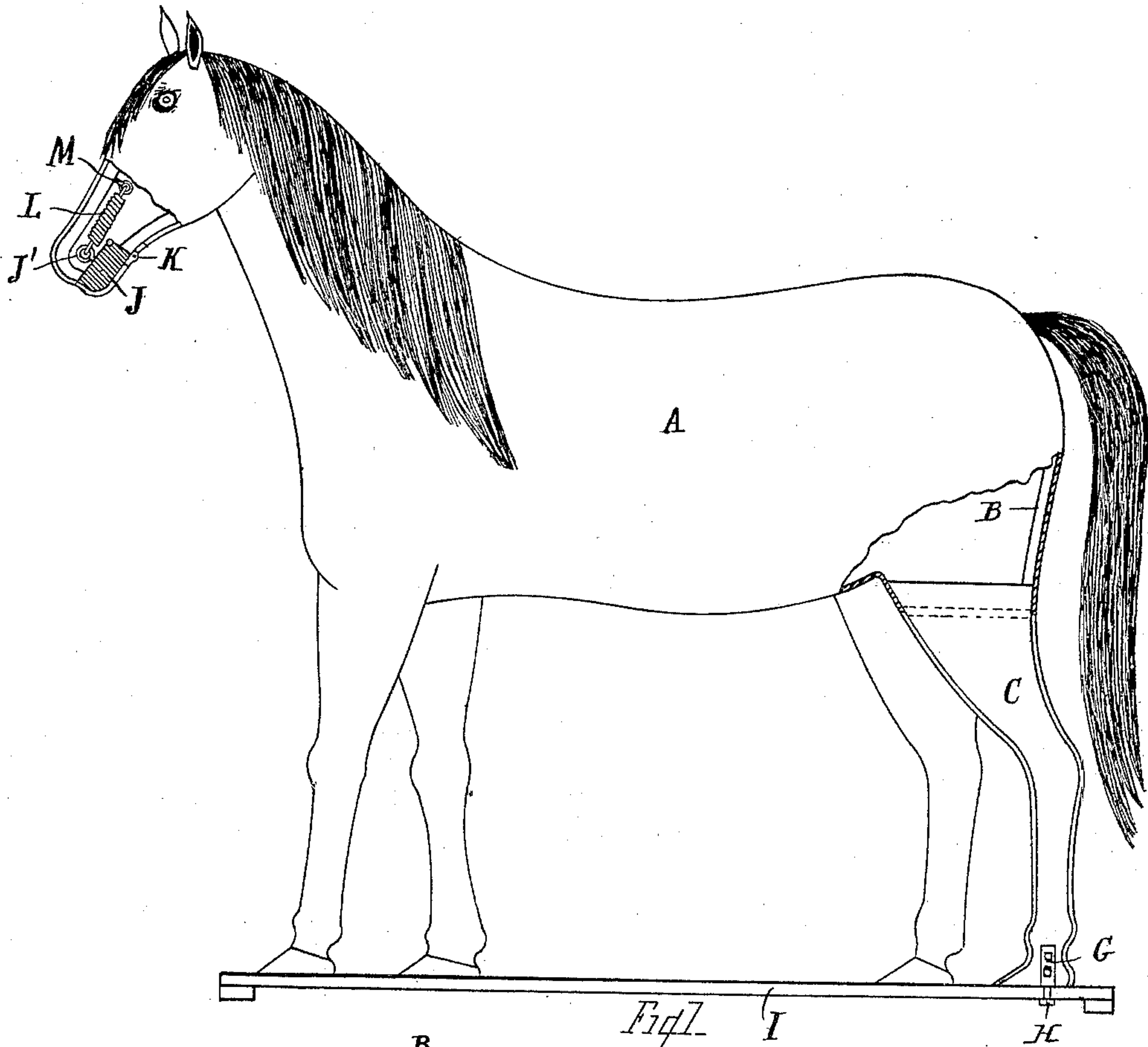


(No Model.)

H. SCHWEIBOLD.
DISPLAY HORSE.

No 458,598.

Patented Sept. 1, 1891,



WITNESSES

Carroll J. Webster
Anna J. Lehaney.

Fig. 2

INVENTOR

Henry Schweibold
By William Webster
Atty

UNITED STATES PATENT OFFICE.

HENRY SCHWEIBOLD, OF TOLEDO, OHIO.

DISPLAY-HORSE.

SPECIFICATION forming part of Letters Patent No. 458,598, dated September 1, 1891.

Application filed October 1, 1889. Serial No. 325,658. (No model.)

To all whom it may concern:

Be it known that I, HENRY SCHWEIBOLD, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have
5 invented certain new and useful Improvements in Display-Models; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable
10 others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

My invention relates to the construction of
15 display-models of the character employed in displaying harness, robes, and other kinds of merchandise, and has for its object to cheapen the construction, strengthen the parts, and render the complete model lighter than usual.

20 A further object is to hinge the mouth portion of the under jaw in a manner to allow of employing a concealed spring to yieldingly close the same.

My present invention is an improvement
25 upon that described in Letters Patent granted to me February 26, 1889, No. 398,568. In the construction therein shown and described the legs are formed with an outer shell of wood pulp, paper fiber, or analogous substance, with
30 a central core of plaster-of-paris, cement, or an analogous substance. While this construction forms a very rigid leg, the central core is of too great weight, and renders the model too heavy for convenient transportation or for moving from one position to another.

In the present invention I overcome this objection by forming each side and the fore and hind legs thereto integral, either by mold-
40 ing or dieing the same into the desired form, but with each leg bisected longitudinally and inserting a filling-piece of wood between the two sections of leg, thereby rendering the legs much lighter and stronger.

45 The invention consists in the parts and combinations of parts hereinafter described, and pointed out in the claims.

In the drawings, Figure 1 is a side elevation of a display-model in representation of a
50 horse with a portion of the hind leg broken away to disclose the filling-piece and a portion of the cheek broken away to disclose the

means employed for holding the lower portion of the under jaw yieldingly in position. Fig. 2 is a view showing one leg in longitudinal vertical section with one side removed
55 and showing the leg of the opposite side in vertical section with the front half removed, showing an edge and front view, respectively, of the wood filling-piece. Fig. 3 is a detail
60 view of an angular iron secured to the filling-piece and through which is screwed a bolt for securing the leg to a platform.

A designates the side of the model comprising the head, neck, body, and legs, where-
65 by when the two sides are properly joined they constitute the contour of a horse. The sides are formed of wood pulp, paper fiber, or analogous substance, and preferably joined
70 by being secured to a central filling-piece B, after which the model may be either covered with canvas prior to being finished or the form may be painted and finished in any desired color in representation of a horse. In
75 constructing the sides I form the leg of but one-half of the proper contour, as shown in Fig. 2, and insert a vertical filling-piece C, to which the sides of the one-half of the leg are secured by tacks or nails D, driven through
80 the shell of the leg and into the filling-piece.

E designates a filling of wood secured in like manner to filling-piece B, but at right angles thereto, the shell of the leg portion at the point of discontinuance being tacked or
85 nailed thereto, as is also the filling-piece B.

F designates a section of leg adapted to be inserted within the cut-away portion of the leg, as shown in section in Fig. 2. The section F is secured in place by being tacked or
90 nailed to the filling-pieces B and the piece E, when the legs are finished to correspond with the sides.

G designates an angular iron bent to embrace the filling-piece C, and is secured thereto, the horizontal portion being perforated
95 and screw-threaded for the reception of a bolt H, which is passed through perforations in a platform I and screwed into the angular iron G, by which means the model is firmly secured to the platform for convenience of
100 moving the same.

J designates the lower portion of the lower jaw, hinged to the jaw at K and held closed against the upper jaw by means of a spring

L, secured to the portion J by a hook J', and to an eyebolt M, secured permanently within the head of the horse. Instead of the spring being formed of metal I may use an elastic
5 spring of any material.

The advantage of holding the lower portion of the jaws yieldingly by means of a spring within the head of the horse will be obvious, as it keeps the jaws normally closed and is
10 always protected from the weather.

When it is desired to insert a bit within the mouth, the spring is unhooked from the hook J' and the bit placed in position, after which the parts are again engaged.

15 By reason of using the filling-piece B, I am enabled to construct the model much cheaper, stronger, and lighter than formerly.

What I claim is—

1. In a display-model, legs formed with a
20 portion integral with the sides and a supplemental section of leg secured thereto, and an interposed filling-piece to which both sections of leg are secured, combined as and for the purpose set forth.

25 2. In a display-model, sides formed with a vertical section of fore and hind legs integral

therewith, a wood filling-piece secured thereto, a filling-piece at right angles to the vertical filling-piece and secured thereto at the point of joinder of the sections, and a section
30 of leg secured to both filling-pieces, as and for the purpose set forth.

3. In a display-model, legs formed of two sections and an interposed filling-piece, in combination with an angular iron secured to
35 the filling-piece and tapped to receive a holding-bolt, and a platform through which the bolt is passed, as and for the purpose set forth.

4. In a display-model, a head formed with
40 a section of lower jaw hinged, in combination with a spring secured to the section and head within the interior of the same for actuating the jaw, as and for the purpose set forth.

In testimony that I claim the foregoing as
45 my own I hereby affix my signature in presence of two witnesses.

HENRY SCHWEIBOLD.

Witnesses:

WILLIAM WEBSTER,
CARROLL J. WEBSTER.