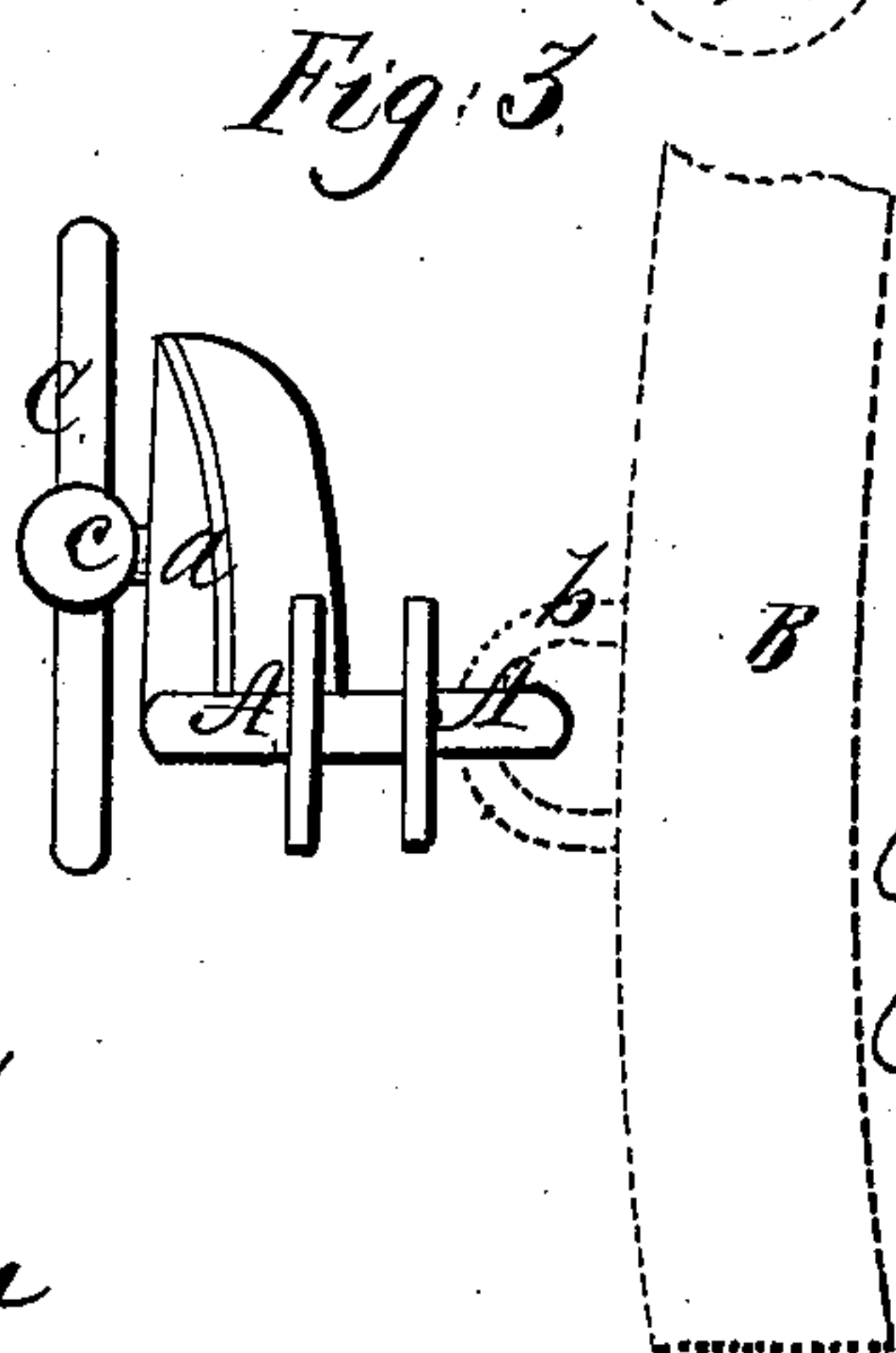
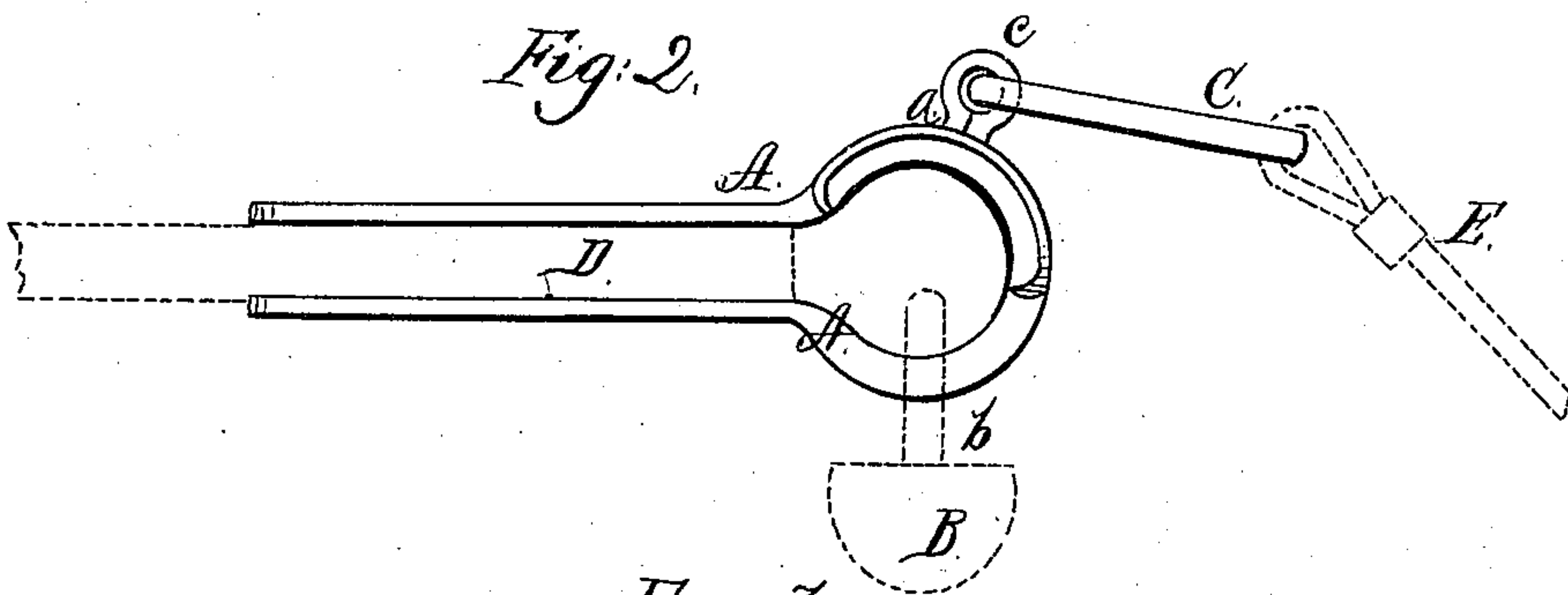
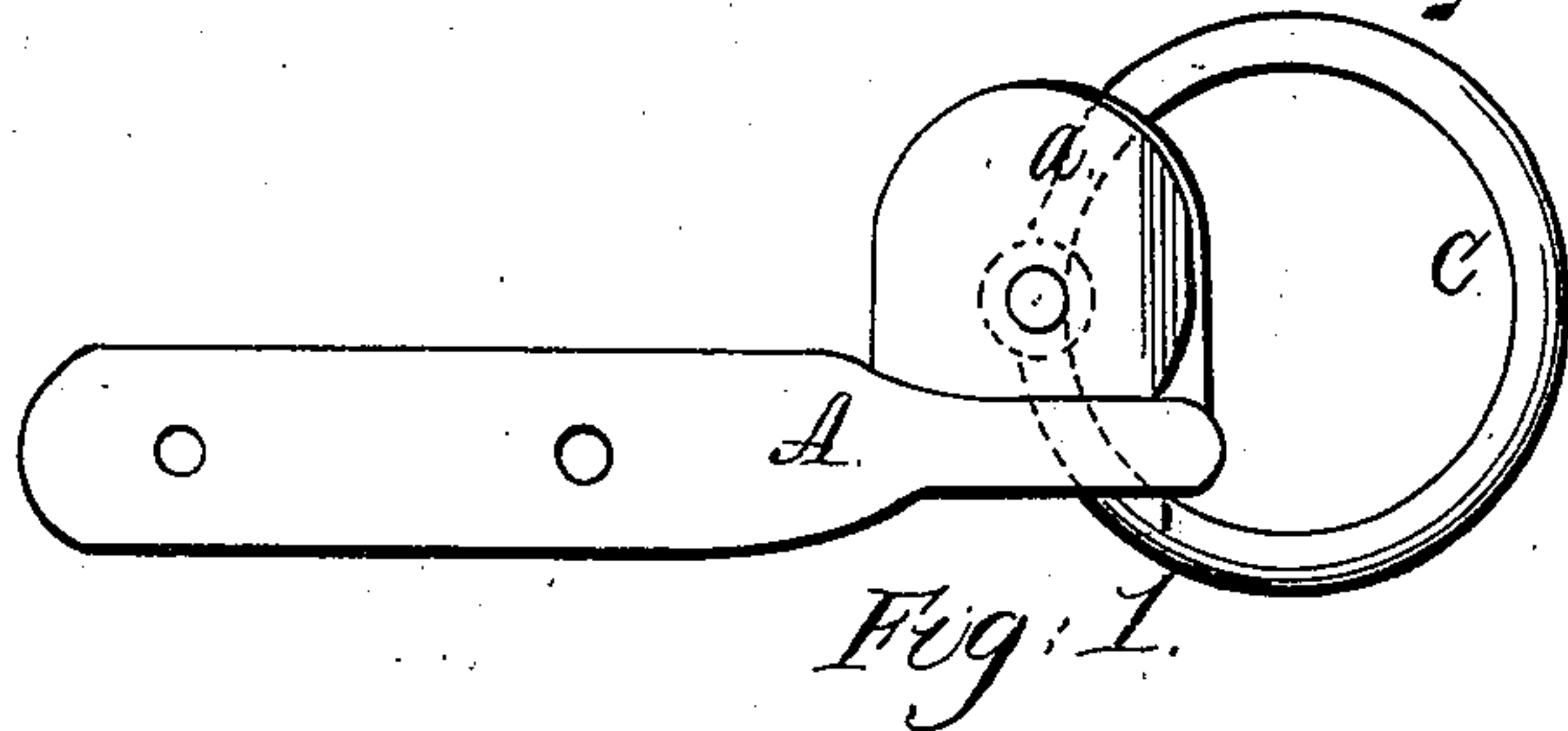


P. Schoonmaker,
Harness-Trace Clips,
No 76,826, Patented Apr. 14, 1868.



Witnesses:

Theo. Insche
W. Brown

Inventor:

P. Schoonmaker
Per Munnell
Attorneys

United States Patent Office.

PETER SCHOONMAKER, OF NEW BRITAIN, CONNECTICUT.

Letters Patent No. 76,826, dated April 14, 1868.

IMPROVED TRACE-CLIP.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, PETER SCHOONMAKER, of New Britain, in the county of Hartford, and State of Connecticut, have invented a new and improved Trace-Clip; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying plate of drawings, and to the letters of reference marked thereon, forming part of this specification.

Figure 1 represents a plan or top view of my invention.

Figure 2 is a side elevation of the same.

Figure 3 is an end view of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new device for securing the hold-back ring to the hames, and consists in securing the said ring to the trace-clip, and not direct to the hames, as heretofore generally done.

Generally, the hold-back ring is fitted through an eye, formed on the end of a pin, which is screwed or otherwise fastened in the front edge of the hames, between the arms of the staple holding the trace-clip. The hames were thereby greatly weakened, and generally broke where the said pin was inserted. To overcome this difficulty, I fasten the pin which holds the hold-back ring in a flange, formed on the trace-clip, thereby avoiding the weakening of the hames.

A represents the trace-clip. The same is made of metal, of the usual form, and is provided with a flange, *a*, on the outside, said flange projecting from the upper or lower edge of the clip, as may be desired. The clip is secured by means of the staple *b* to the hames B, in the ordinary manner, and as indicated in figs. 2 and 3.

C represents the hold-back ring. The same is fitted through an eye formed on the end of a pin, *c*, which is secured or riveted to the flange *a* formed on the clip A, as shown.

The traces D are fastened between the jaws of the clip in the ordinary manner, and the hold-back strap E is secured to the ring C, as shown in fig. 2.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent—

1. Securing the hold-back ring to a pin, *c*, which is fastened in the trace-clip, substantially as herein shown and described.

2. Providing the trace-clip with a flange, *a*, for the reception of the pin to which the hold-back ring is secured, so that the hold-back ring is fastened to the trace-clip, substantially as herein shown and described.

PETER SCHOONMAKER.

Witnesses:

M. C. SWIFT,

E. R. SWIFT.