

(No Model.)

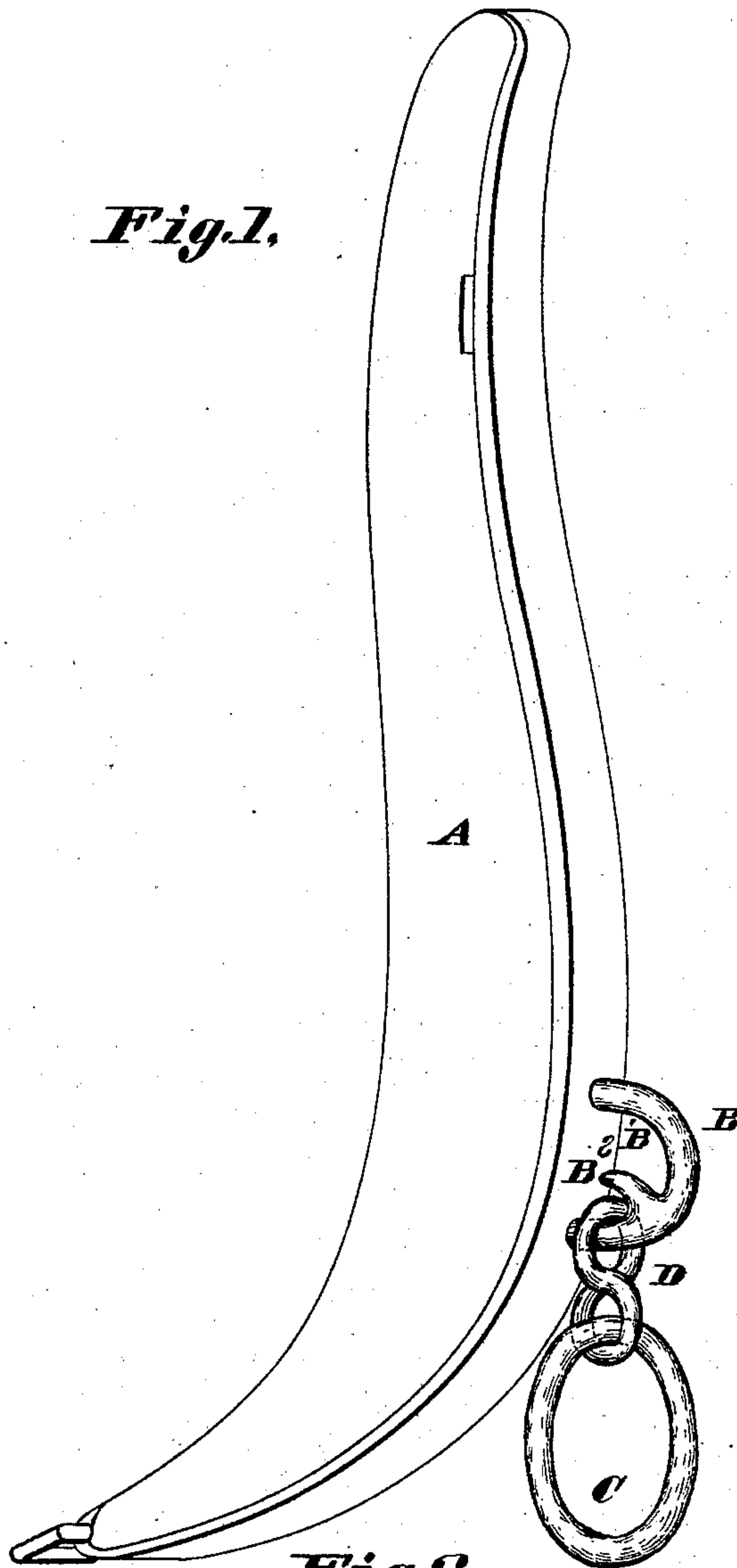
J. TOERPER & F. KREIN.

HAME STAPLE.

No. 299,880.

Patented June 3, 1884.

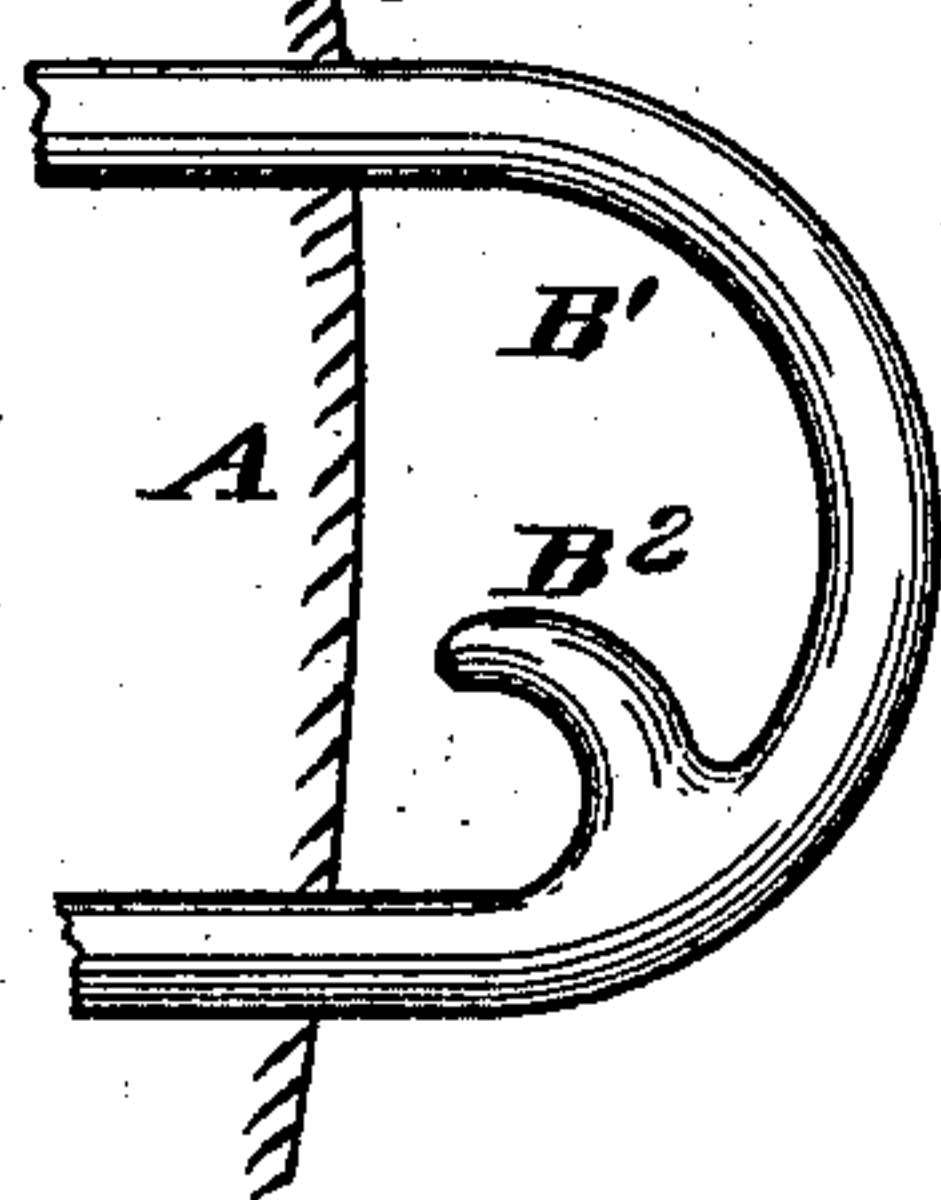
*Fig. 1.*



*Attest;*

*Charles Pickles*  
*Genl. Wheelock*

*Fig. 2.*



*Inventor;*

*Jno. Toerper*  
*Frank Krein*  
*By Knight Bros*  
*Attys*

# UNITED STATES PATENT OFFICE.

JOHN TOERPER AND FRANZ KREIN, OF ST. LOUIS, MISSOURI; SAID TOERPER  
ASSIGNOR TO SAID KREIN.

## HAME-STAPLE.

SPECIFICATION forming part of Letters Patent No. 299,880, dated June 3, 1884.

Application filed September 22, 1883. (No model.)

*To all whom it may concern:*

Be it known that we, JOHN TOERPER and FRANZ KREIN, both of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Hame-Staples for Tug-Clips and Breast-Strap Rings, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure 1 is a perspective view of a hame with our improved staple applied, and Fig. 2 is a detail view of the staple.

Our invention relates to a manner of attaching breast-strap rings and tug-clips to hames; and it consists in features of novelty herein-after fully described, and pointed out in the claims.

Referring to the drawings, A represents a harness-hame of common construction. B represents a loop-shaped staple having a horn, B<sup>2</sup>, to partition off the lower portion of the loop or opening, and to which both the tug and breast-strap ring are attached. We have not shown the tug; but its clip fits in the part of the staple lettered B' above the horn B<sup>2</sup>, and the breast-strap ring C fits or works beneath this horn, and thus the two are kept apart,

adding greatly to their wear, but being particularly desirable in that the ring is not interfered with by the clip so that at times it is not convenient to attach the breast strap or chain thereto. The ring always hangs free and loose, and may be attached directly to the staple; but we prefer to connect it by means of a link, D, having two eyes, as shown—one to receive the staple and one the ring. This adds length to the ring and gives it still greater freedom of movement.

We claim as our invention—

1. As an improved article of manufacture, a hame-staple of the form shown, having a single horn, B<sup>2</sup>, to partition off a portion of the loop for the breast-strap ring, as set forth.

2. A hame-staple, B, having a small horn, B<sup>2</sup>, to divide the tug-clip loop, a link having two eyes, and a breast-strap ring, one eye of the link being secured beneath the horn, and the other eye of the link receiving the breast-strap ring, all combined and arranged substantially as shown and described.

JOHN TOERPER.  
FRANZ KREIN.

In presence of—

GEO. H. KNIGHT,  
J. WAHLE.