

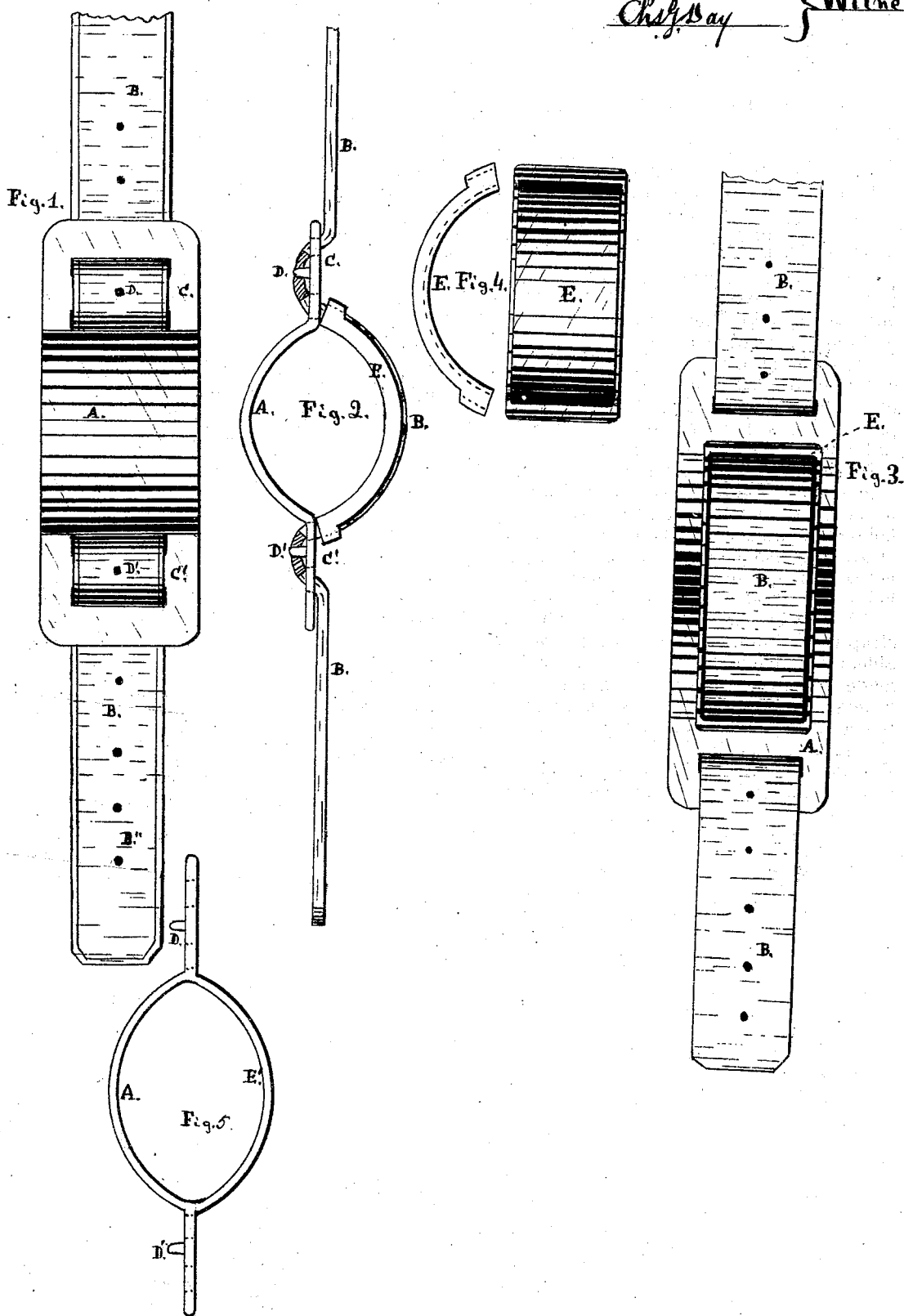
I. H. Alexander's
No. 119,684.

Buckle and Thill Holder.

Patented Oct. 10, 1871.

Isaac H. Alexander
Inventor.

G. J. Parker }
Chas. Bay } Witnesses



UNITED STATES PATENT OFFICE.

ISAAC H. ALEXANDER, OF NEWFIELD, NEW YORK.

IMPROVEMENT IN TUGS FOR HARNESS.

Specification forming part of Letters Patent No. 119,684, dated October 10, 1871.

To all whom it may concern:

Be it known that I, ISAAC H. ALEXANDER, of Newfield, Tompkins county, New York, have invented an Improved Buckle and Thill-Holder, of which the following is a specification:

My object is to make a partial or complete metallic surface for the wear of the thill, and an adjustable buckle therewith; and the nature of my invention will be apparent as I describe it.

Figure 1 is a front view of my device; Fig. 2, a view of one edge of the same; Fig. 3, a view of the back thereof; Fig. 4, of the rear metallic piece. Fig. 5 shows the side or edge of the metallic parts made as one piece.

In Fig. 1, A is the front or outward metallic piece, and B is the skirt-strap or strap from the harness-saddle, which strap passes through two holes at C, and thence behind the curved portion of A, and also behind the thill and a part, E, not seen in this figure, and thence through two holes at C', and at last at B'' has holes for the belly-band buckle of the harness. To hold the strap from slipping, as well as to make it adjustable, two immovable studs or tongues, D D', are made fast to the piece A. In Fig. 2 the same letters show the same parts, and, further, how the strap lies in the hollow of the metallic piece E. Fig. 3 is the back side of the same parts, showing the strap B lying in the hollow of the piece E; and in Fig. 4 are two detached views of

the part E. Fig. 5 represents the parts A and E as modified so as to make a solid metal case for the thill. The piece E' is made plainer than E, Figs. 2 and 4.

Without further description it is apparent that in the cavity between the metallic piece A and pieces E the thill rests; that the holes and the tongues make the height of the thills adjustable; and that the whole, acting together, make a serviceable and useful thill-holder and buckle. It is evident that the part or piece E may be entirely dispensed with when the strap B makes one part of the thill-holder and the metallic part A the external part of the holder. The other advantages and uses of my invention are apparent to those skilled in the art to which it appertains.

I claim—

1. The thill-holder described, made of the external part or plate A, the internal metal part E, held together by the strap B, with the arrangement of the holes C C' and tongues D D', substantially as set forth.

2. The plate A and strap B, arranged together for a thill-holder without the part E, substantially as described.

ISAAC H. ALEXANDER.

Witnesses:

S. J. PARKER,
CHS. G. DAY.

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