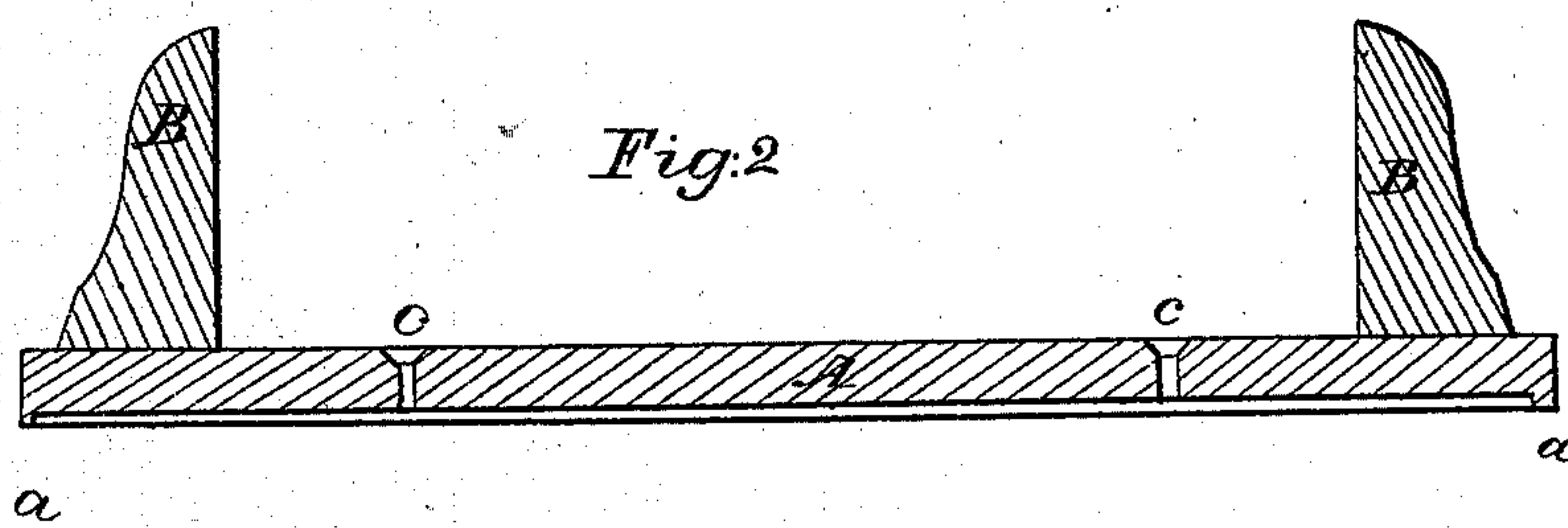
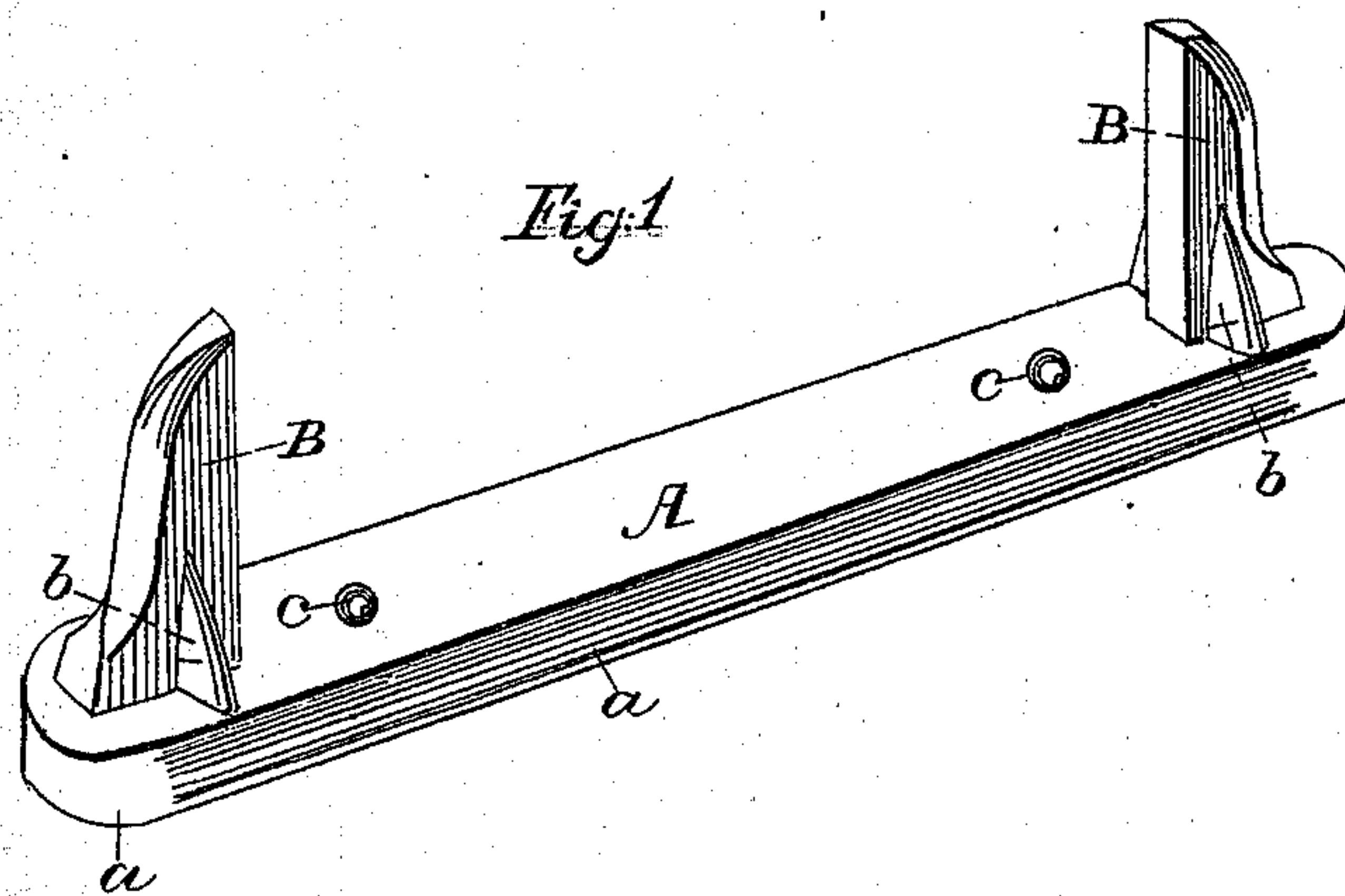


T. MORGAN.
Wagon Standard.

No. 104,628.

Patented June 21, 1870.



Attest.
H. S. Sprague.
Jas. J. Day

Inventor.
T. Morgan
Per Attorney
Thos. S. Sprague

United States Patent Office.

THOMAS MORGAN, OF MARQUETTE, MICHIGAN.

Letters Patent No. 104,628, dated June 21, 1870.

IMPROVEMENT IN BOLSTER-PLATES.

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

To whom it may concern:

Be it known, that I, THOMAS MORGAN, of Marquette, in the county of Marquette and State of Michigan, have invented a new and useful Improvement in Flanged Bolster-Plates; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, and being a part of this specification, in which—

Figure 1 is a perspective of my invention, and

Figure 2 is a longitudinal section of the same.

Like letters refer to like parts in each figure.

The nature of this invention relates to the construction of bolster-plates, with the necessary stakes combined, and is designed to be used as a cap or covering to the ordinary bolster of a wagon, thereby obviating the frequent breaking of the stakes as ordinarily used, and providing a cover for the bolster, by means of which it is preserved from the action of the weather.

The invention consists in a cap, cast in any suitable metal, with flanges projecting downward, for the purpose of covering the bolster, to which it is secured by proper bolts; and is, also, provided with the necessary stakes, the whole being cast in one piece.

In the drawing—

A represents my bolster-plate or cap, of cast-iron

or other suitable metal, provided with the downward-projecting flanges *a*.

Cast upon and to this bolster are the stakes B, with the strengthening-flanges *b*.

c are bolt-holes, through which are inserted proper bolts, for securing the plate to the bolster.

A common wooden bolster is constructed, to the top of which is fitted the cap, with its flanges projecting down the sides of the bolster.

By the use of a device, as above described, the time and trouble of mortising the stake into the bolster is saved; also, the liability of the stake breaking is greatly lessened.

After the wooden bolster has become worn, the cap can be removed, and a new bolster substituted for the old one, with but little expense.

What I claim as my invention, and desire to secure by Letters Patent, is—

The flanged bolster-plate A, with downward flanges *a*, and provided with stakes, B, with strengthening-flanges, *b*, cast in one piece, in connection with and secured to a suitable bolster, when constructed as described, and for the purposes set forth.

Witnesses:

THOMAS MORGAN.

A. P. SWINEFORD,

E. B. CHASE.