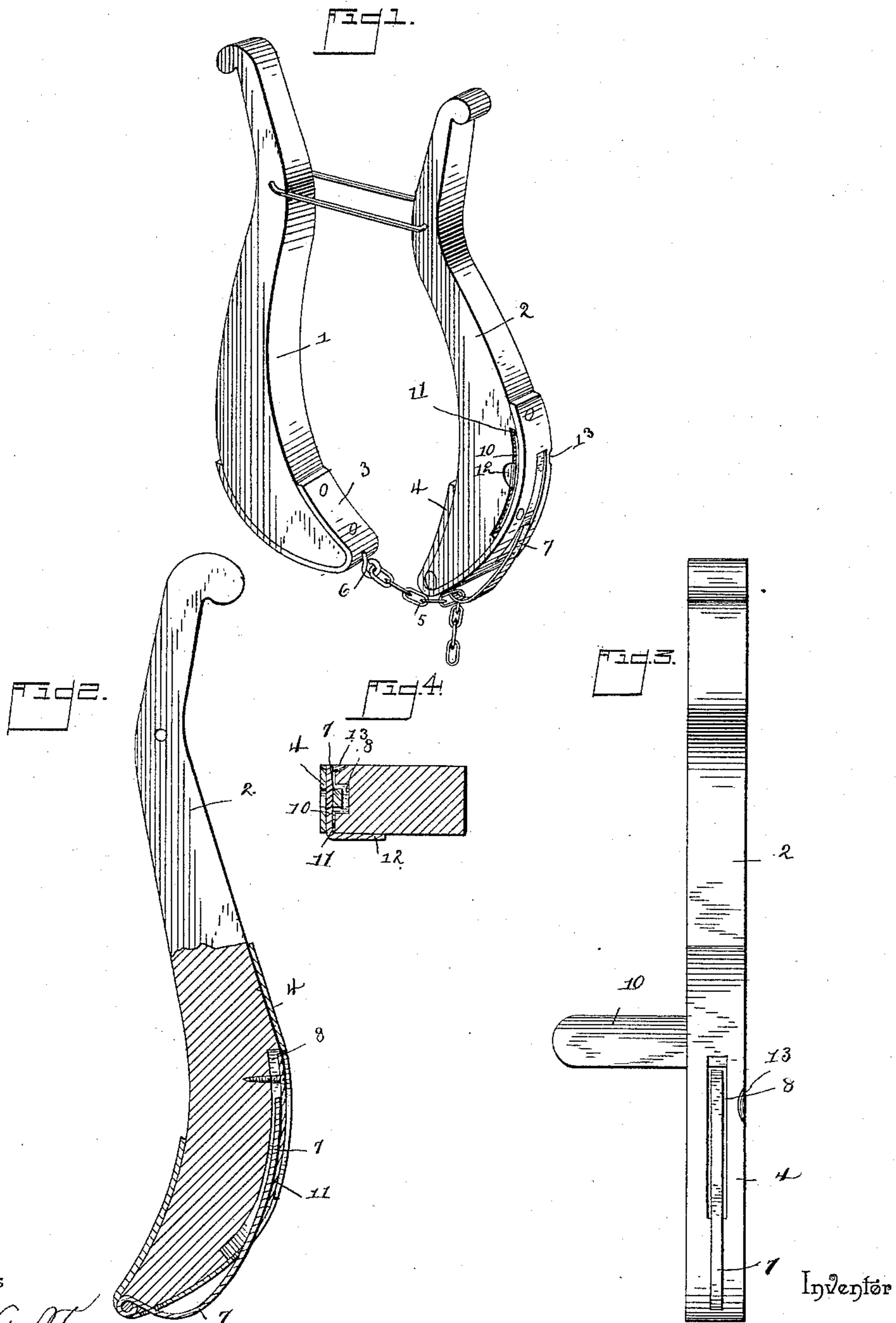


(No Model.)

A. J. SONNER.
HAME FASTENER.

No. 463,080.

Patented Nov. 10, 1891.



Witnesses

Chas. A. Ford.
H. J. Riley

By His Attorneys,

C. A. Snow & Co.

Andrew J. Sonner.

UNITED STATES PATENT OFFICE.

ANDREW J. SONNER, OF MILLTOWN, INDIANA.

HAME-FASTENER.

SPECIFICATION forming part of Letters Patent No. 463,080, dated November 10, 1891.

Application filed May 15, 1891. Serial No. 392,842. (No model.)

To all whom it may concern:

Be it known that I, ANDREW J. SONNER, a citizen of the United States, residing at Milltown, in the county of Crawford and State of Indiana, have invented a new and useful Hame-Fastener, of which the following is a specification.

This invention relates to an improvement on a hame coupling or fastener, forming the subject-matter of Patent No. 369,618, granted me September 6, 1887.

The object of the present invention is to simplify and improve the construction of the hame coupling or fastener which forms the subject-matter of the above-mentioned patent, and to increase the durability and to lessen the cost of the same.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a pair of hames provided with a coupling or fastener constructed in accordance with this invention. Fig. 2 is a longitudinal sectional view of one of the hames. Fig. 3 is an elevation of the same. Fig. 4 is a transverse sectional view.

Referring to the accompanying drawings, 1 and 2 designate a pair of hames provided at their lower ends with the usual back irons 3 and 4 and having their lower ends connected by a chain 5, which has one end secured to a hook 6 of the hame 1 and which is adapted to have its links engaged by a swinging lever 7 of the hame 2. The spring-lever has its lower end fulcrumed on the lower end of the hame 2 and provided with a bend to receive a link and confine the same when the hames are fastened to a collar, and which is adapted to be received in a groove 8 of the hame 2 and the longitudinal slot 9 of the back iron 4. The swinging lever is locked in the groove 8 of the hame 2 by a latch-plate 10, which is arranged in a recess 11 in the face of the hame 2, providing an opening between the hame and the back iron. The upper end

of the latch-plate 10 is pivoted to the hame, and the latch-plate is adapted to be turned on its pivot to engage the lever, in which position it is arranged longitudinally of the hame and is concealed beneath the back iron and to be turned to release the lever, when it will be at an angle to the hame, as illustrated in Fig. 3 of the accompanying drawings. The latch-plate is provided at one side with a lip 12, which is arranged intermediate the ends of the plate and is adapted to engage the hinge to prevent the plate swinging through the opening between the hame and the back iron. The edge of the back iron opposite the lip is provided with a notch 13 to enable the finger to push the plate and carry the lip away from the hame, so that it can be readily grasped to open the latch-plate.

It will be seen that the hame coupling or fastener is simple and inexpensive in construction and is not liable to become broken.

What I claim is--

The combination of the hame 1, the back iron 3, secured thereto, the hame 2, provided in its outer face with a longitudinal groove 8 and a recess 11, the back iron 4, secured to the hame 2 and extended over the recess 11 and provided with a longitudinal slot arranged over the groove 8 and having at one side a notch 13, a chain secured to the hame, a swinging lever fulcrumed on the hame 2 and adapted to engage the links of the chain and to have its free end arranged in the groove of the hame 2, and the latch-plate pivoted to the hame 2 and arranged in the recess thereof and adapted to engage the swinging lever and being concealed under the back iron when locked and provided with a lip arranged to engage the hame to limit the movement of the latch-plate, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ANDREW J. SONNER.

Witnesses:

SCOTT M. WALTS,

WILLIAM L. SCHWANTZ.