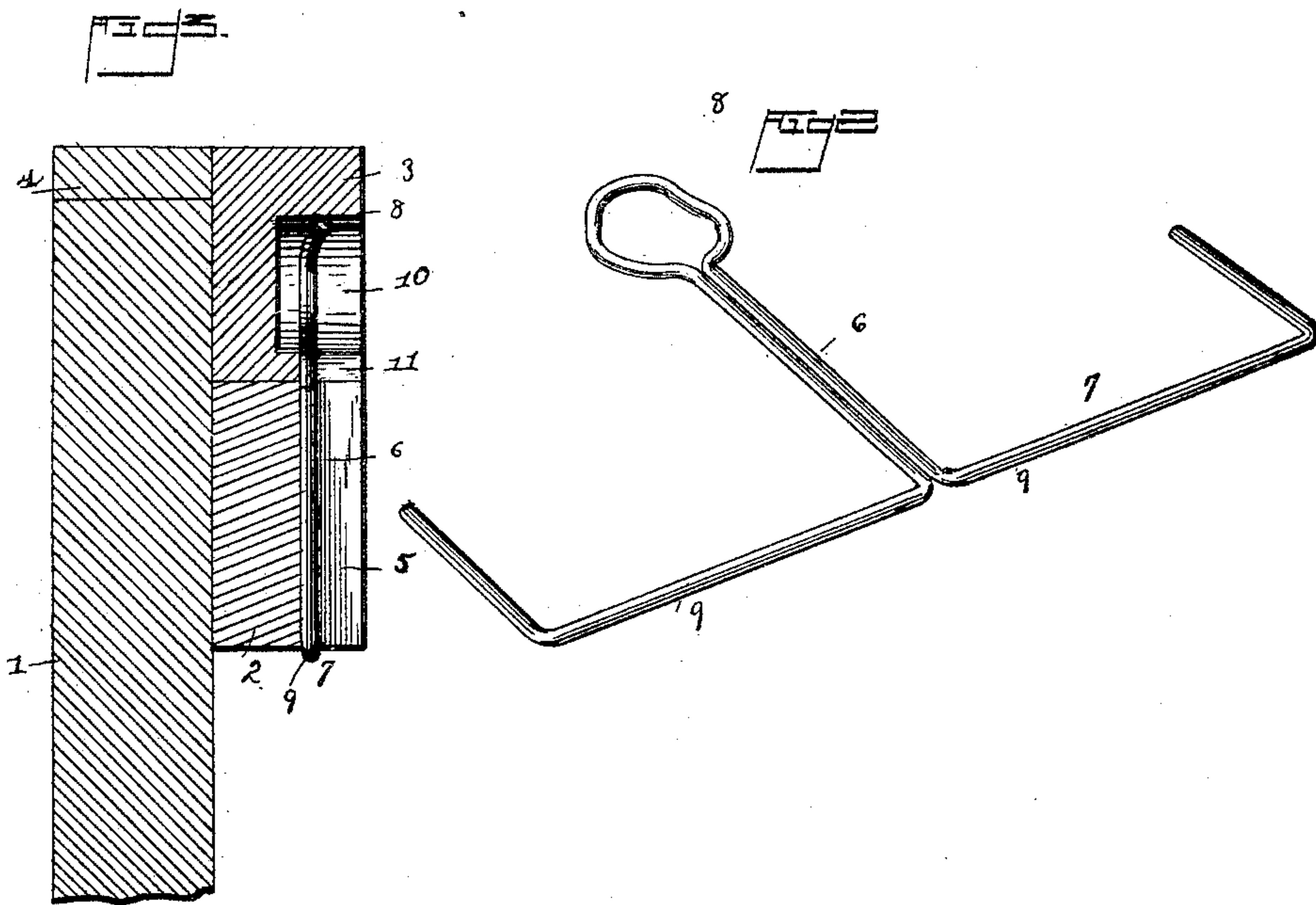
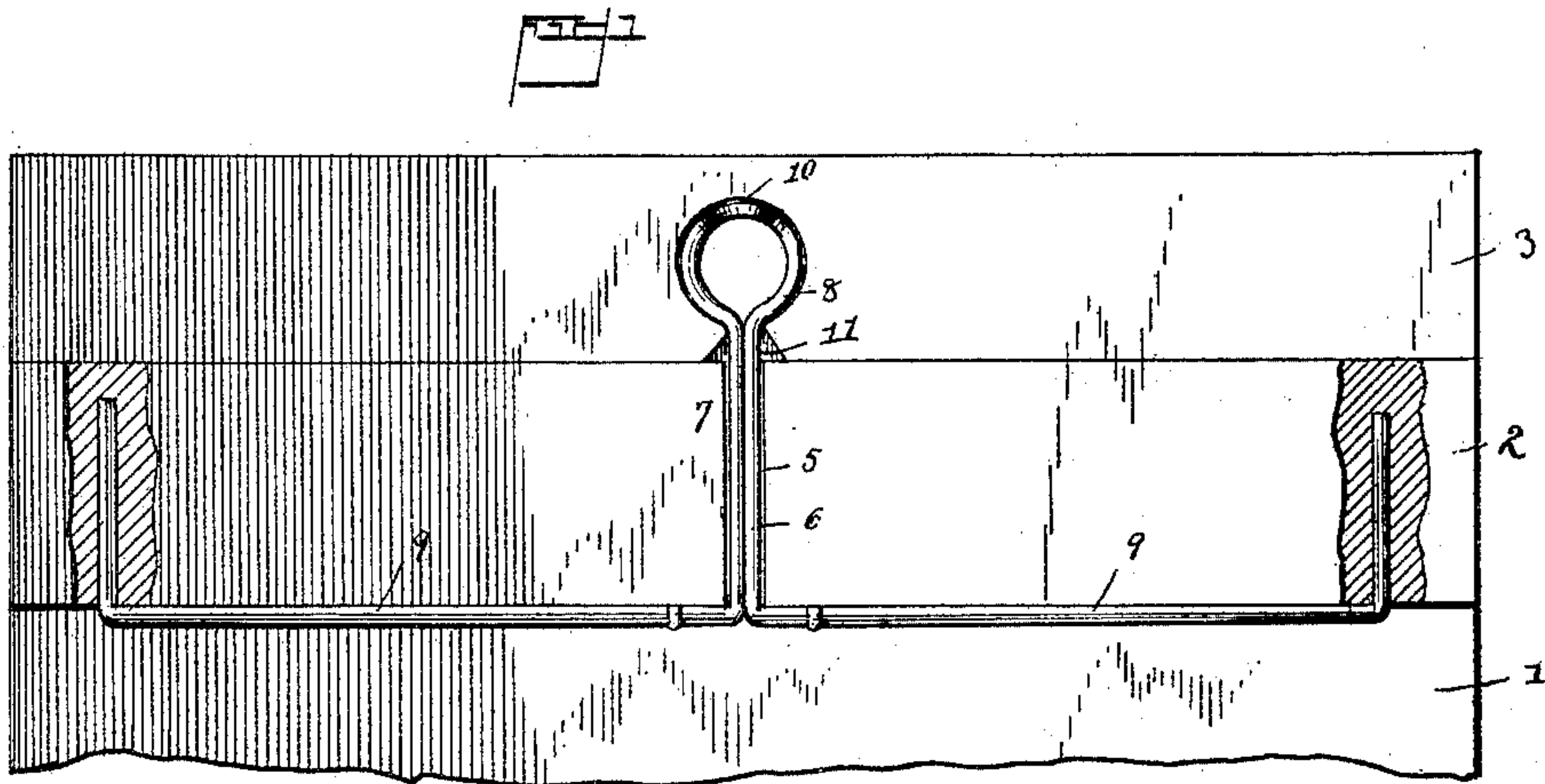


(No Model.)

J. L. MATSON.
BOX FASTENER.

No. 459,126.

Patented Sept. 8, 1891.



Witnesses

Chas. A. Ford.
H. J. Riley

Inventor

Jeptha L. Matson

By his Attorneys,

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

JEPHTHA L. MATSON, OF DUNBARTON, WISCONSIN.

BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 459,126, dated September 8, 1891.

Application filed June 24, 1891. Serial No. 397,351. (No model.)

To all whom it may concern:

Be it known that I, JEPHTHA L. MATSON, a citizen of the United States, residing at Dunbarton, in the county of Lafayette and State of Wisconsin, have invented a new and useful Egg-Case Fastener, of which the following is a specification.

The invention relates to improvements in fastening devices for cases, crates, boxes, and analogous receptacles.

The object of the present invention is to provide simple, inexpensive, reliable, and effective means for fastening covers of cases and other shipping and storing vessels and receptacles without liability of the covers becoming accidentally unfastened, and to render them durable by protecting them from injury when the cover is either on or off and to enable them to be unfastened with ease and certainty.

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 claims hereto appended.

In the drawings, Figure 1 is an end view of an egg-case, partly in section. Fig. 2 is a vertical sectional view. Fig. 3 is a detail perspective view of one of the spring-catches.

Referring to the accompanying drawings, 1 designates a shipping-case of the ordinary construction provided at each end with a cleat 2, which is arranged near the top of the body of the case and is adapted to support an end cleat 3 of a cover 4 in the ordinary manner. The cleat 2 is provided in its outer face with a central vertical recess 5, in which is arranged a vertical portion 6 of a spring-catch 7, and the latter is constructed of a single piece of wire which is doubled and bent to form a circular head or loop 8, and the sides are bent L-shaped to form the vertical portions 6, which are arranged in the vertical recess 5, and horizontal portions 9, which are secured to and extend along the bottom of the cleat 2, and the ends are bent angularly and are driven into the cleat. The circular loop or head is bent slightly outwardly and is adapted to be engaged by the

lower edge of the cleat 3 of the cover and to spring into a circular recess 10 of the cleat 3 and thereby secure the cover; and the bottom of the cleat 3 is provided with a slot 11, which forms a mouth for the circular recess 10 and is adapted to receive the tops of the vertical portions 6. By being circular, the head or loop 8 may be conveniently unfastened and a finger may be readily inserted in the circular recess to withdraw the loop, and the latter is bent slightly outwardly, so that it may be more easily grasped, and the circular recess is sufficiently deeper than the loop to enable a firm hold to be obtained and the device to be unfastened with ease and certainty. The vertical portions project above the cleat 2 and fit in the slot 11 of the cleat 3 to enable the circular loop or head to spring into the circular recess 10. The fastener is protected when the cover is in place by being within the recess and on the bottom of the cleat 2, and when the cover is removed it is not liable to be injured, as the head or loop is lower than the upper edge of the adjacent end board. The slot 11, which forms the mouth for the circular recess 10, is beveled downwardly and forms an enlarged or flaring mouth.

It will be seen that the fastener is simple and inexpensive in construction, strong and durable, and effectual and reliable, and is adapted to be advantageously employed on egg-crates, boxes, and other shipping-cases, and on various packing and storing vessels and receptacles.

What I claim is—

1. The combination, with a crate having the cleat, of its cover provided with a circular recess, and a spring-catch constructed of wire and bent to form a circular head or loop 8, adapted to engage the circular recess and having its sides secured to the cleat of the body, substantially as described.

2. The combination of a crate consisting of the body provided with a cleat 2, having a central vertical recess 5, and a cover having a cleat provided with a circular recess and with a slot forming a mouth for the recess, and a spring-catch constructed of wire and

comprising the circular loop or head adapted to engage the circular recess, and the L-shaped sides having vertical portions arranged in the vertical recess, and horizontal portions secured to the bottom of the cleat of the body, substantially as described.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature in presence of two witnesses.

JEPHTHA L. MATSON.

Witnesses:

JOHN A. RISKEN,

GEO. E. WEATHERBY.