

(No Model.)

D. W. KNEISLY.
BUGGY BOOT FASTENER.

No. 565,005.

Patented Aug. 4, 1896.

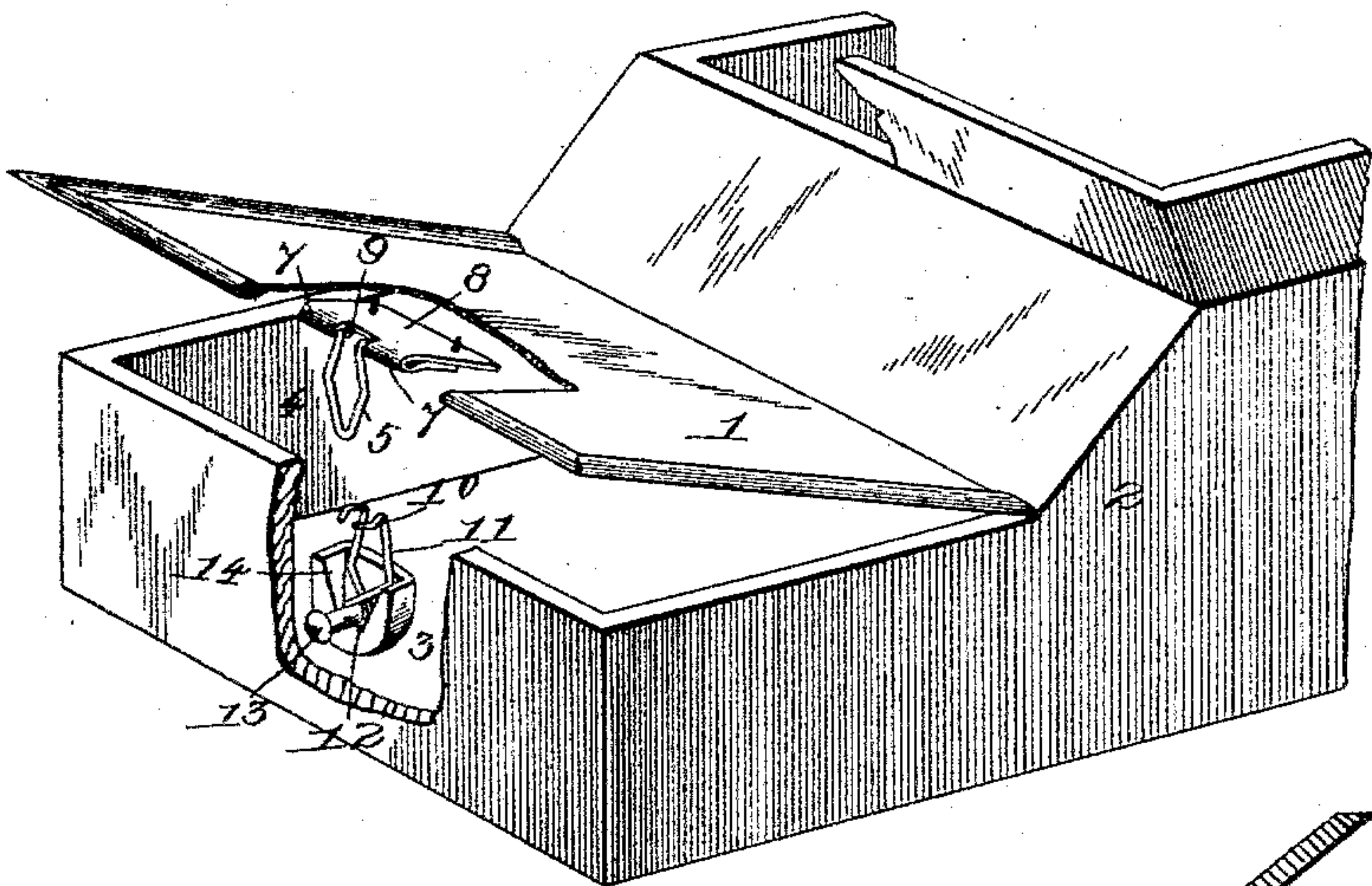


Fig. 1.

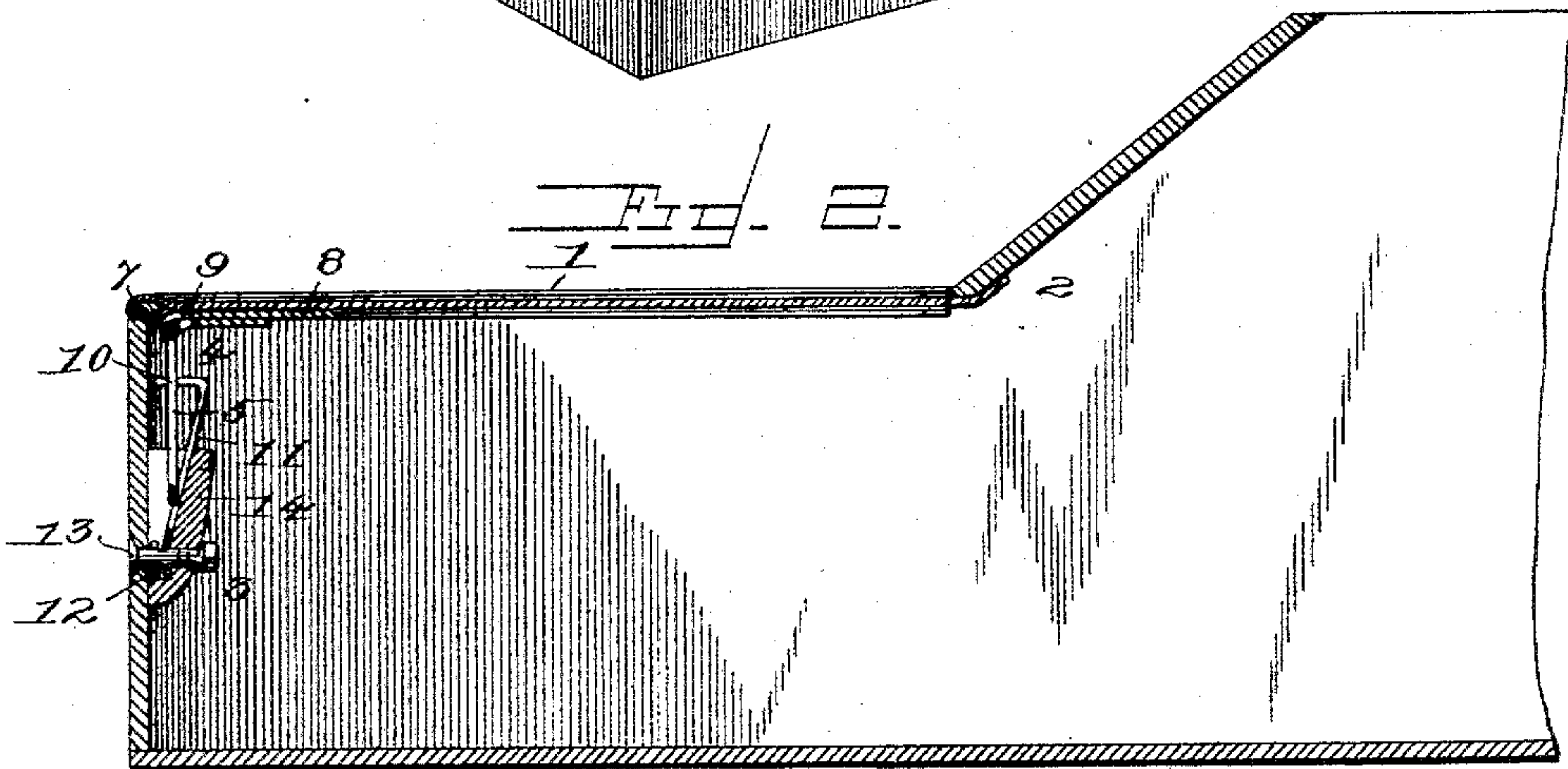


Fig. 2.

Fig. 3.

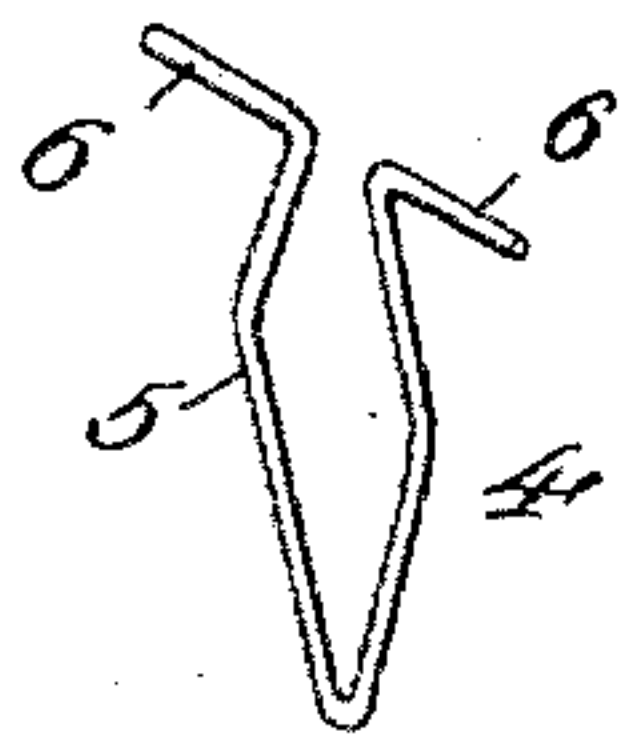


Fig. 4.

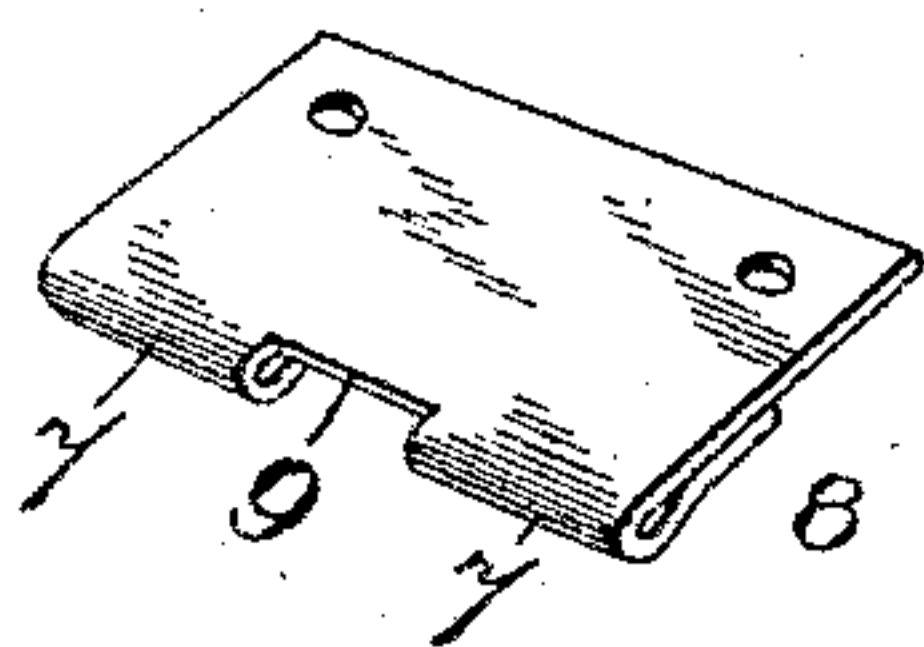


Fig. 5.

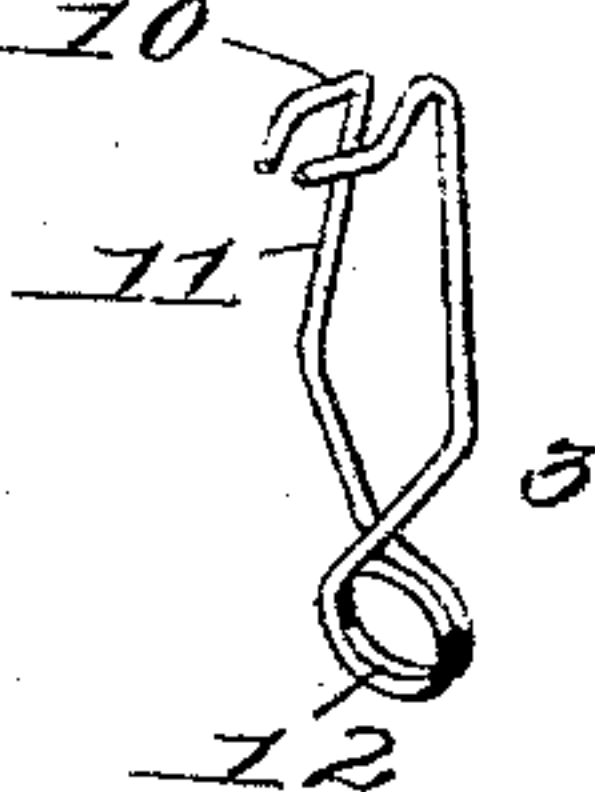
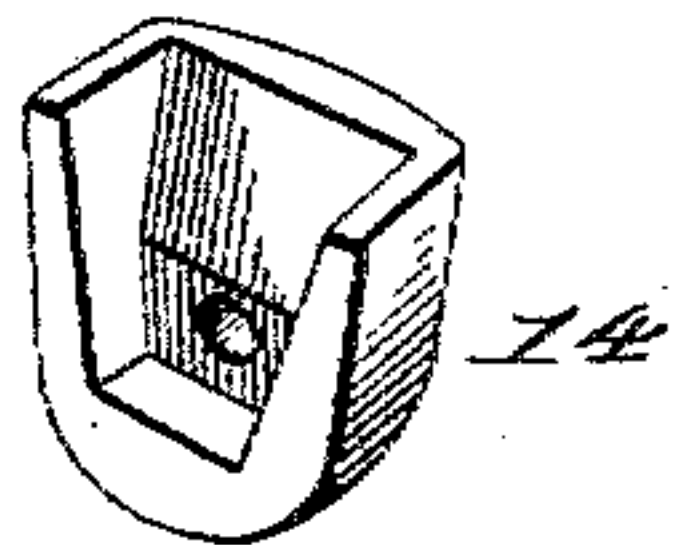


Fig. 6.



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UNITED STATES PATENT OFFICE.

DANIEL W. KNEISLY, OF JOHNSVILLE, OHIO.

BUGGY-BOOT FASTENER.

SPECIFICATION forming part of Letters Patent No. 565,005, dated August 4, 1896.

Application filed May 7, 1896. Serial No. 590,603. (No model.)

To all whom it may concern:

Be it known that I, DANIEL W. KNEISLY, a citizen of the United States, residing at Johnsville, in the county of Montgomery and State of Ohio, have invented a new and useful Buggy-Boot Fastener, of which the following is a specification.

The invention relates to improvements in buggy-boot fasteners.

10 The object of the present invention is to improve the construction of buggy-boot fasteners, and to provide a simple, inexpensive, and efficient device adapted to be readily applied to a vehicle and capable of holding a
15 buggy-boot firmly closed to prevent the same from jolting up and down, and adapted to permit the boot to be readily opened and closed.

20 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 a perspective view of a buggy-boot provided with a fastener constructed in accordance with this invention, the boot and the body of the buggy being partially broken away to show the parts of the fastener. Fig. 2 is a longitudinal sectional view. Fig. 3 is a detail view of the depending tongue. Fig. 4 is a detail view of the attachment-plate for securing the tongue to the
30 buggy-boot. Fig. 5 is a detail perspective view of the catch. Fig. 6 is a detail perspective view of the partial casing of the catch.

35 Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a buggy-boot constructed of any suitable material and hinged at its front
40 edge to the body 2 of a buggy in rear of the seat in the usual manner. The buggy-boot is automatically locked, when it is closed, by a fastener comprising a catch 3, mounted on the body 2, and a depending tongue 4, carried by the buggy-boot and arranged to engage the catch when the boot is closed. The depending tongue is constructed of wire or other suitable material bent to form a substantially diamond-shaped loop 5, which
45 bulges intermediate of its ends, and the terminals 6 of the wire extend laterally from the upper end of the loop at right angles to the

same and are arranged in tubular housings 7 of an attachment-plate 8. The attachment-plate 8, which is constructed of sheet metal
55 and which is secured to the buggy-boot by a screw or other suitable fastening device or devices, is doubled to form the tubular or cylindrical housings 7, and is centrally slotted at 9 between the tubular housings. Instead
60 of employing the attachment-plate, the terminals of the wire or other material employed to form the tongue may be secured to the boot by passing them through the same and clenching them, or any other suitable means may
65 be employed for securing the tongue to the boot.

The catch 3, which is constructed of a single piece of resilient wire or similar material, comprises a pair of horizontally-disposed jaws 10,
70 upwardly-extending shanks 11, and a spring-coil 12, forming an eye and receiving a fastening device 13, which secures the catch to the inner face of the rear end-board of the body and which also attaches a partial casing 14 to
75 the same. The jaws 10 are angularly bent, being substantially V-shaped and forming a substantially diamond-shaped opening, and they are adapted to be spread by the oppositely-tapered or diamond-shaped tongue 4
80 and engage the same. The eye 12 and the lower portions of the shanks 11 are arranged contiguous to the inner face of the rear end-board of the body of the buggy, and the upper portions of the shanks are offset from the
85 body to enable the horizontally-disposed jaws to clear the same.

The plate or casing 14 is provided at its inner face with a substantially V-shaped recess for the reception of the lower portion of the
90 catch.

It will be seen that the fastener for buggy-boots is exceedingly simple and inexpensive in construction, that it is adapted to be readily applied to the body of a buggy and the
95 boot thereof, and that it is capable of preventing a buggy-boot from jolting up and down and rattling. It will also be apparent that it is automatic in its operation, and that it is capable of readily locking and releasing
100 the buggy-boot accordingly as it is closed or opened.

Changes in the form, proportion, and minor details of construction may be resorted to

without departing from the spirit or sacrificing any of the advantages of this invention.

What I claim is—

1. In a device of the class described, the combination with the body of a buggy, and a boot, of an oppositely-tapered tongue bulged intermediate of its ends and depending from the boot adjacent to the inner face of the rear end of the body of the buggy, and a catch mounted on the inner face of the rear end of the body of the buggy and provided with a pair of horizontal jaws extending in the same general direction, arranged side by side and engaging the tongue above the bulged portion thereof, substantially as described.

2. In a device of the class described, the combination with the body of a buggy, and a boot, of an oppositely-tapered tongue bulged intermediate of its ends and depending from the boot, and a catch mounted on the body and provided with a pair of V-shaped jaws extending in the same general direction, disposed horizontally and engaging the sides of the tongue above the bulged portion thereof, substantially as described.

3. In a device of the class described, the combination with the body of a buggy, and a boot, of an oppositely-tapered tongue bulged intermediate of its ends and depending from the boot, a catch arranged at the inner face of the rear end of the body and comprising a pair of upwardly-extending shanks, a spring-coil forming an eye and connecting the lower

terminals of the shanks, and a pair of horizontally-disposed V-shaped jaws extending in the same general direction and arranged opposite each other, said jaws engaging the tongue above its bulged portion, and a fastening device passing through the coil, substantially as described.

4. In a device of the class described, the combination with a body provided with a boot, of an attachment-plate constructed of sheet metal doubled to form casings or housings 7, and centrally recessed between the same, a depending tongue constructed of a single piece of wire bent to form a substantially diamond-shaped loop, the terminals of the wire extending laterally from the top of the loop and arranged in the casings or housings, a catch mounted on the body and consisting of a pair of jaws, shanks connected at their upper terminals with the jaws, and a spring-coil connecting the lower terminals of the shanks, a partial housing or casing 14 receiving the lower portion of the shanks, and a fastening device securing the partial housing to the body and passing through the spring-coil of the catch, substantially as described.

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

DANIEL W. KNEISLY.

Witnesses:

A. GAUVY,

WM. S. GILBERT.