

No. 776,086.

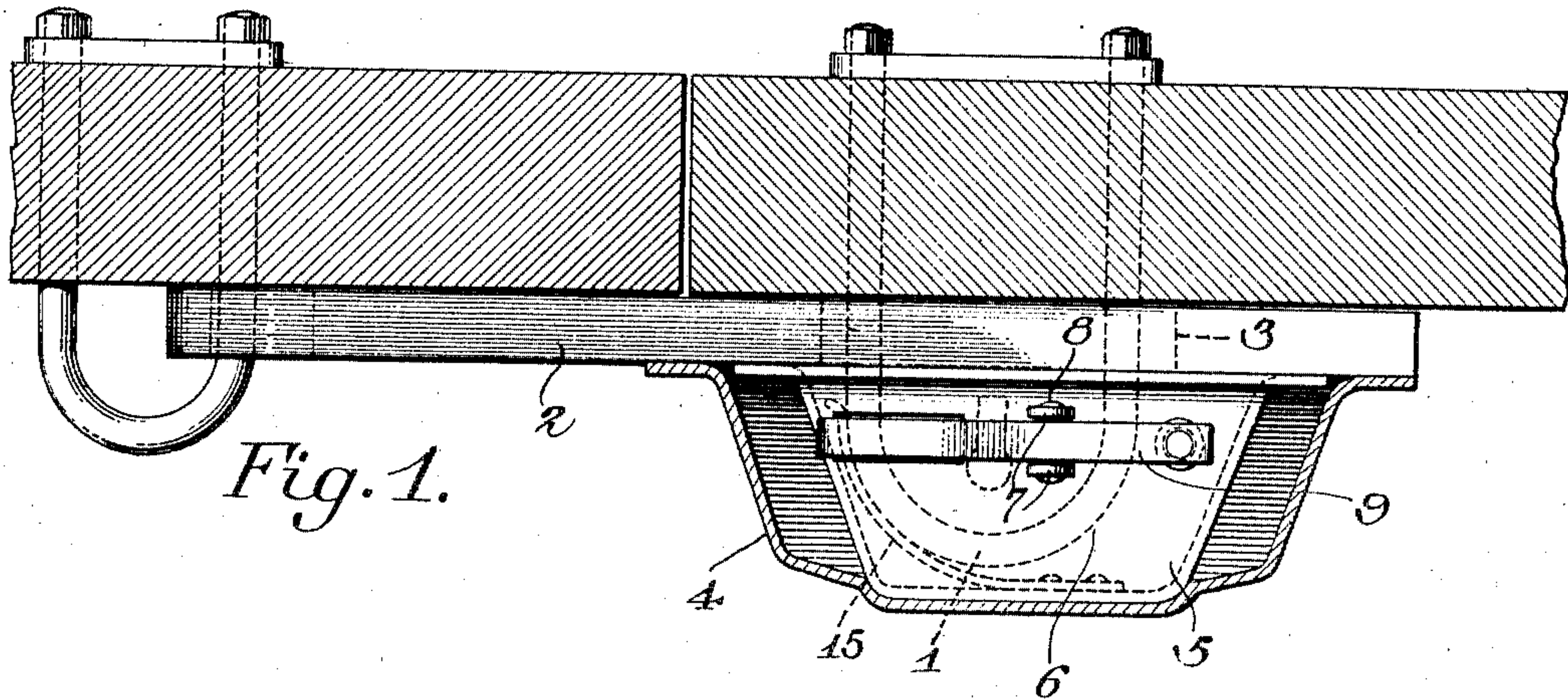
PATENTED NOV. 29, 1904.

R. B. RICE.

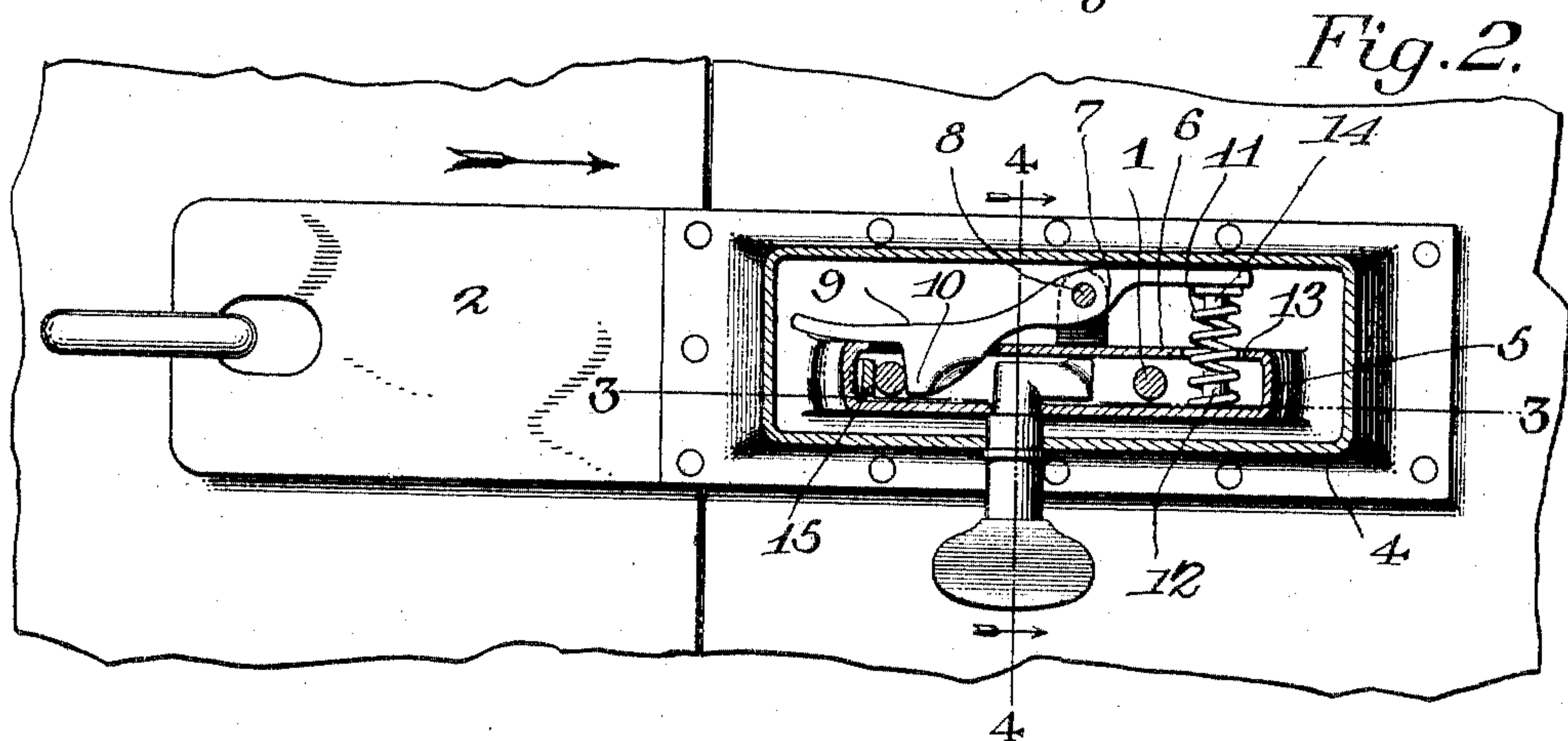
HASP LOCK.

APPLICATION FILED MAR. 22, 1904.

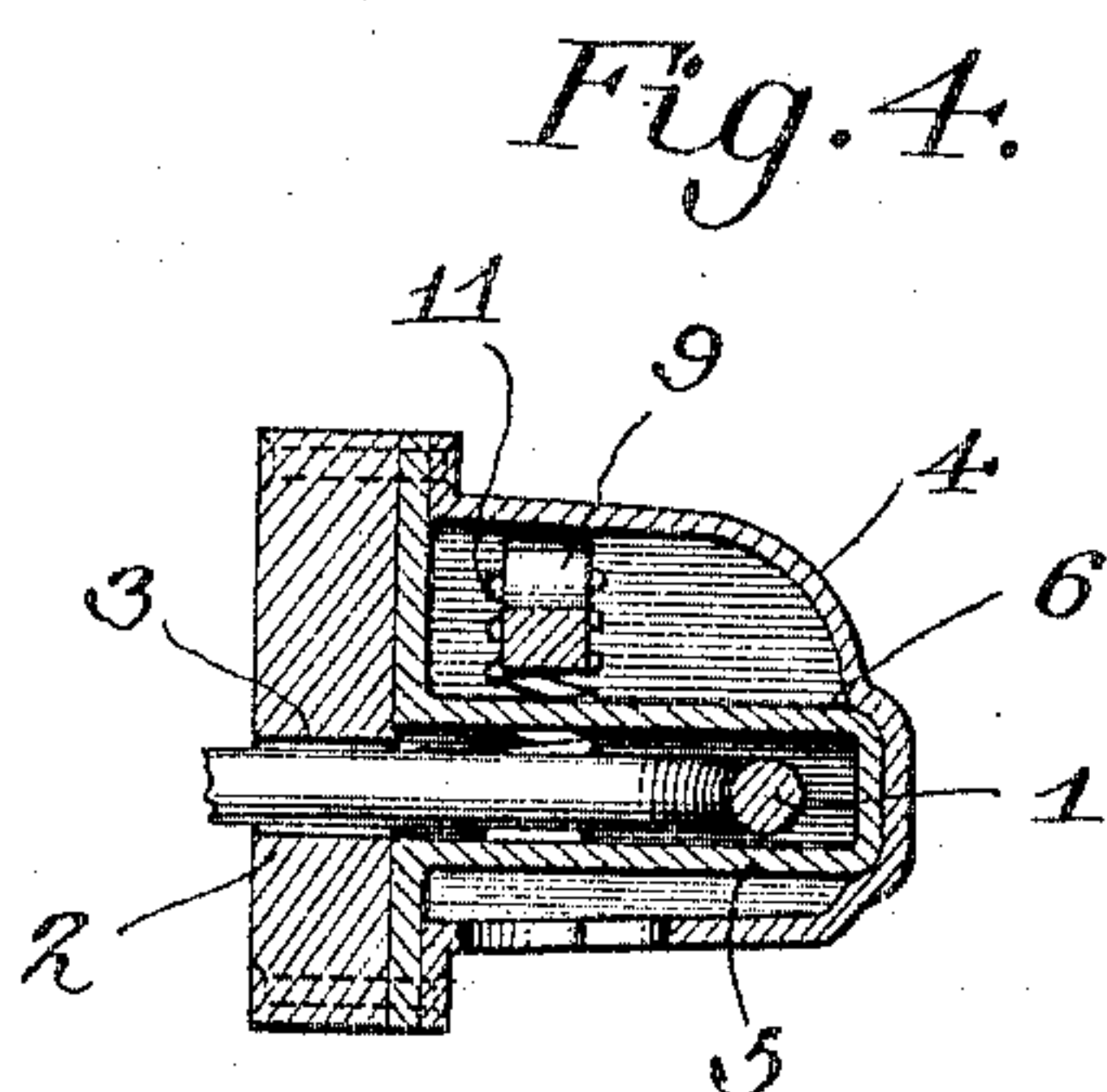
NO MODEL.



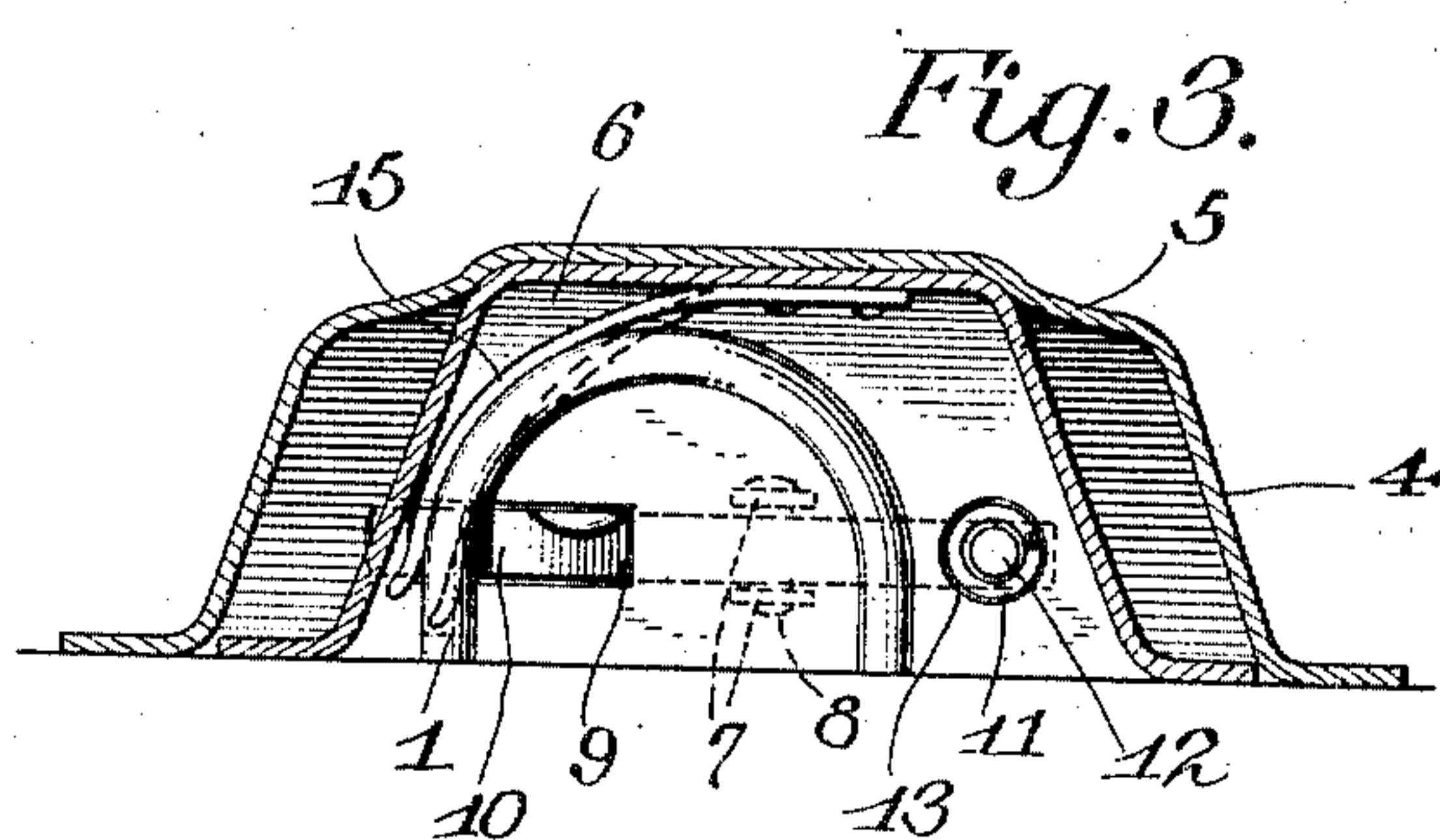
*Fig. 1.*



*Fig. 2.*



*Fig. 4.*



*Fig. 3.*

Witnesses

Witnesses  
E. J. Stewart  
F. J. Elmore

*Russell B. Rice,*

Inventor.

by

Chas. Snow & Co

Attorneys



# UNITED STATES PATENT OFFICE.

RUSSELL B. RICE, OF LAS VEGAS, TERRITORY OF NEW MEXICO.

## HASP-LOCK.

SPECIFICATION forming part of Letters Patent No. 776,086, dated November 29, 1904.

Application filed March 22, 1904. Serial No. 199,387. (No model.)

*To all whom it may concern:*

Be it known that I, RUSSELL B. RICE, a citizen of the United States, residing at Las Vegas, in the county of San Miguel and Territory of New Mexico, have invented a new and useful Hasp-Lock, of which the following is a specification.

My invention relates to hasp-locks, and has for its objects to produce a simple inexpensive device of this character in which the locking member may be readily sprung into engagement with the staple for locking the hasp and one in which the parts will be automatically moved to non-engaging position when the locking member is released from the staple.

To these ends the invention comprises the novel features of construction and combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is a horizontal sectional elevation illustrating my improved hasp-lock mounted for use and in locking position. Fig. 2 is a front sectional elevation of the same. Fig. 3 is a detail section on the line 3 3 of Fig. 2. Fig. 4 is a similar view on the line 4 4.

Referring to the drawings, 1 designates a staple fixed as usual to a door or its framework, and 2 a hasp carried by the other of said parts and provided with a slotted opening 3 for the reception of the staple, these parts being of the usual construction and material.

In the lock constituting the subject of this invention 4 indicates a primary outer casing preferably bolted or otherwise fixed to the hasp 2 and inclosing an inner secondary casing or carrier 5, connected, as herein shown or in other suitable manner, to the primary casing 4, the hasp being connected for longitudinal movement or play.

Riveted to or otherwise provided upon the outer face of one of the side walls 6 of the casing or carrier 5 is a pair of spaced ears 7, having pivoted between them upon a pintle 8 a locking member or bolt 9, provided with a laterally-projecting engaging portion or finger 10, which extends through a suitable opening in the wall 6 and normally lies transversely across the interior of the casing 5 for engagement with the staple 1, the member being

maintained in its normal or locking position by means of a normally-expanded pressure-spring 11, seated at its inner end upon a stud or post 12, disposed upon the interior of the casing, the side wall 6 of which has a suitable opening 13, through which the spring extends and bears beneath the rear end of the locking member, which in turn is provided with a stud or post 14, engaged by the adjacent end of the spring.

Fixed upon the interior of the casing 5, to the top wall thereof, is a curved or bowed leaf-spring 15, the free end of which lies between the staple-engaging finger 10 and the front end wall of the casing and is adapted in practice when the parts are in locked engagement to bear upon the adjacent portion of the staple 1, by which the spring is held under tension or expansion for a purpose which will presently appear.

In practice the hasp 2, carrying the lock, is seated over the staple 1, which latter is initially received between the rear end wall of the lock and the rear face of the engaging finger 10, the rear face of said finger being beveled or inclined, as shown. The hasp 2, carrying with it the lock, is then moved longitudinally and rearwardly in the direction indicated by the arrow in Fig. 2, thereby causing the inclined face of finger 10 to ride upward and over the adjacent arm of the relatively fixed staple 1, thereby swinging the locking member 9 outward against the action of the spring 11, which latter will throw said finger into locking engagement with the staple after the finger has passed the said arm of the latter. It is to be noted that during this longitudinal movement of the hasp and lock the spring 15 will contact with the adjacent portion of the staple and be thereby expanded from the normally-contracted position (indicated by dotted lines in Fig. 3) to the full-line position shown in said figure. With the parts in this position if it is desired to release the hasp a suitable key is introduced into the lock and operated for throwing the locking member 9 outward to disengage the finger 10 from the staple, when the spring 15 in again contracting will automatically slide the hasp forward in a direction reverse to that indicated by the arrow



in Fig. 2, thus moving the finger 10 to non-engaging position relative to the staple.

From the foregoing it is apparent that I produce a simple inexpensive device admirably adapted for the attainment of the ends in view, it being understood that minor changes may be made in the details herein set forth without departing from the spirit of the invention.

10 Having thus described the invention, what is claimed is—

1. The combination with a door and its casing, of a staple carried by one of said parts, a hasp connected with the other part for longitudinal movement, a casing fixed upon the  
15 hasp, a locking member carried by the casing for automatic engagement with the staple, and a spring within the casing and adapted to bear upon the staple for automatically moving the  
20 hasp longitudinally for the purpose described.

2. The combination with a door, and its casing, of a staple carried by one of said parts, a hasp connected with the other part for longitudinal movement, a casing fixed upon the hasp, a locking member carried by the casing  
25 for engagement with the staple, a spring for pressing the member to engaging position, and a leaf-spring within the casing, said spring being adapted to bear upon the staple when the parts are locked and to automatically move  
30 the hasp longitudinally for the purpose described.

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

RUSSELL B. RICE.

Witnesses:

JOHN D. W. VEEDER,  
N. F. WITHROW.