No. 772,516. PATENTED OCT. 18, 1904.

H. JAHN.

BUNG LOCK.

APPLICATION FILED DEC. 15, 1903.

NO MODEL.

Fig. 1.

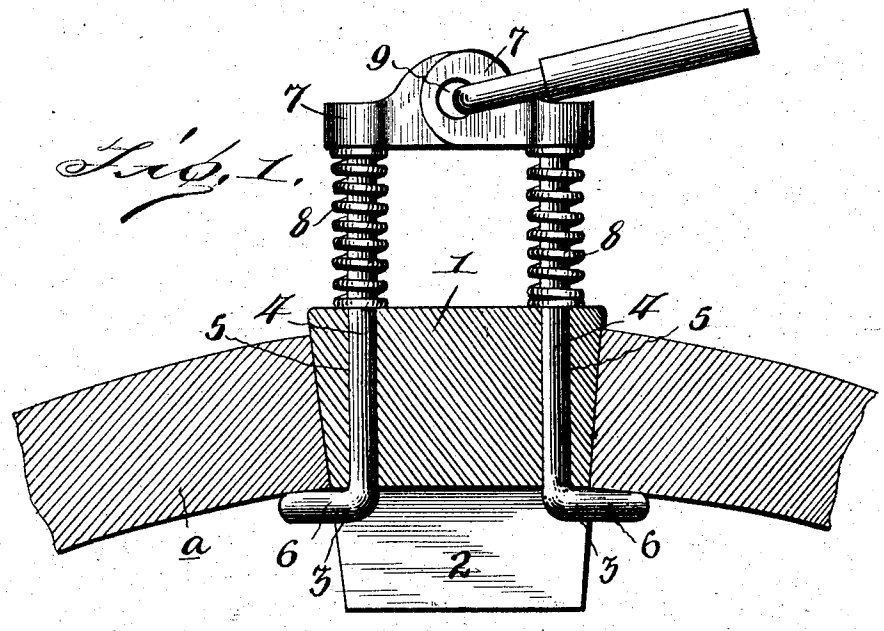
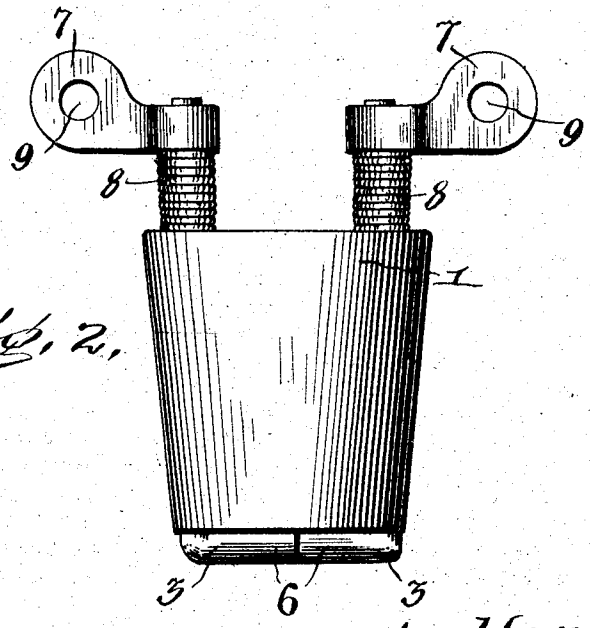



Fig. 2.




Witnesses

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No. 772,516. Patented October 18, 1904.

# UNITED STATES PATENT OFFICE.

HERMAN JAHN, OF CHICAGO, ILLINOIS.

## BUNG-LOCK.

SPECIFICATION forming part of Letters Patent No. 772,516, dated October 18, 1904.

Application filed December 15, 1903. Serial No. 185,285. (No model.)

*To all whom it may concern:*

Be it known that I, HERMAN JAHN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bung-Locks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention in an improved bung-lock adapted for use in locking a bung in the bung-hole of a cask to prevent the same from working loose and being casually displaced therefrom; and it consists in the construction and combination of devices hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a sectional view of a bung provided with a lock embodying my improvements, the bung being shown in place in the bung-holder of a cask. Fig. 2 is a side elevation showing the bung-lock in position to enable the bung to be placed in or taken out from the bung-holder of a cask.

The bung 1 may be made of any suitable shape and of any suitable material. On its inner end it is provided with a slot 2, which is here shown as extending across the same and of suitable depth. In connection with the bung I employ a locking device 3, of which two are here shown for locking opposite sides of the bung. Each of the locking devices comprises a stem 4, mounted for revolution and for longitudinal movement in the opening 5 in the bung, which extends from the slot 2 to the outer end of the bung, the said stem being of suitable length to extend entirely through the bung and to project for some distance from the outer end thereof. At the inner end of the locking-stem is formed a locking-arm 6, here shown as disposed at right angles thereto. An oppositely-extending arm 7 is attached to the outer end of the stem, and on the projecting portion of the latter is a coiled extensile spring 8, which bears between the outer end of the bung and the arm 7, and the latter has near its free end an eye or opening 9. Before inserting the bung or withdrawing the same the stem 4 must be pressed inwardly against the tension of its spring 8 to cause the locking-arm 6 to clear the slot 2, and the said stem must be turned by means of the said arm 7 to cause the locking-arm 6 to be disposed within the radius of the smaller end of the bung, as shown in Fig. 2. When the bung is in place in the bung-hole, the stem is turned to project the locking-arm 6 radially from the bung, and the tension of the spring 8 causes the stem 4 to move outwardly, so that the locking-arm 6 is drawn into the slot 2, caused to engage the inner side of the cask, a section of which is indicated at *a* in Fig. 1, and the said spring maintains the said stem in such position. Where two of the locking devices are provided for the bung and the same are thus engaged, the turning of the stems to the required position to project the locking-arm 6 radially from the bung causes the arms 7 to come in contact with each other, so that their eyes or openings 9 register with each other, and a wire, cord, pin, or other suitable device may be passed through the said registering openings to lock the said arms 7 together, as will be understood.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A bung having a transverse slot at its inner end and longitudinal openings extending from said slot to its outer end, longitudinally-movable and revoluble locking-stems in said openings, having each a locking-arm at its inner

end adapted to enter the slot and project laterally from the bung, and an oppositely-extending arm 7 at its outer end, said arms 7 of the respective stems being adapted to engage each other when the locking-arms are projected from the bung, and springs to move the locking-stems outwardly, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

HERMAN JAHN.

Witnesses:
McKENZIE CLELAND,
RESS L. PHELPS.