

UNITED STATES PATENT OFFICE.

WILSON BOHANNAN, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN SEAL-LOCKS.

Specification forming part of Letters Patent No. **112,011**, dated February 21, 1871.

I, WILSON BOHANNAN, of Brooklyn, in the State of New York, have invented a new and useful Improvement in Padlocks, of which the following is a specification:

Nature and Objects of the Invention.

My invention relates to a pivoted seal-holder, which is firmly secured in position over the key-hole without the aid of a spring, by means of an arm within the lock-case, which is engaged and held by the nose of the shackle when locked.

Description of the Accompanying Drawing.

Figure 1 is a front view of the lock with the upper face-plate removed. The parts are here shown in unlocked condition. Fig. 2 is a front view of the face-plate with the seal-holder and its protecting-cover attached thereto, the said attachments being shown in their retracted position. Fig. 3 is an internal view of the face-plate, showing the locking-arm of the seal-holder in the position which it assumes when the said seal-holder is closed over the key-hole. Fig. 4 is a section of the face-plate and its attachments at *x x*, Fig. 3. Fig. 5 is an edge view of the lock, looking from below.

General Description.

The casing A, cap or face plate A', and shackle C may be made in customary manner.

B is a bolt pressed forward by a spring, *b*, but held in its retracted position when the shackle is out by means of a dog, D, which is pivoted on the stud F and pressed upward by the spring G, so as to cause it to throw up the shackle and engage with the fence *b'* of the bolt when the said bolt is retracted by the key.

H H H represent the tumblers, which engage with the fence *b'*, and need not differ materially in construction and operation from those in common use for a like purpose. The tumbler-springs are shown at *h*.

I represents my seal-holder, which is pierced with a key-hole, *i*, corresponding in shape and size with that shown at J in the face-plate of the lock.

S may represent a seal, of variegated glass or other suitable material, applied in a recess

or cavity in the seal-holder I. The said recess is made with an open side, as clearly shown in Fig. 2, to admit of the ready removal and insertion of the seals when the seal-holder is turned back from its position over the key-hole J.

When in position the open edge of the seal-holder is covered by a stationary flange, K, on the face-plate A', so that the seal will be enveloped on all sides and its escape prevented.

The seal-holder is secured to a pintle, L, which turns in the face-plate, and carries on the inside of the casing a rigid arm, M, upon the edge of which the shackle slips down when it is locked, thereby securing the seal-holder immovably in position.

N is a protecting-cover, to be closed over the seal-holder when in position. This may be pivoted at any point, and held by a spring-catch, O, located at or near either end, as preferred.

A hole, *n*, is provided through which to insert a pointed instrument to release the cover when desired.

P in Fig. 2 represents a lug which engages with a lip or flange, *p*, Fig. 5, (shown in dotted lines in Fig. 2,) to hold the cover down in close contact with the seal-holder.

Operation.

The casing A and face-plate A' being properly secured together, and the parts being in other respects in the positions shown in Figs. 1 and 2, if it be desired to close the lock, a seal of suitable character is inserted in the seal-holder, and the latter closed over the key-hole. The shackle then may be shut down, and, coming first in contact with the latter, is at the same instant driven into the recess formed for it in the shackle, and the tumblers H fall into position behind the fence *b'* in customary manner. The shackle being thus held by the bolt and the latter by the tumblers, while the shackle in its turn secures the seal-holder I, and this, in conjunction with the projecting flange K, secures the seal over the key-hole, it becomes impossible to open the lock without breaking the seal. The seal being broken and the key inserted, it retracts the tumblers in customary manner, and the dog D, rising in front of the fence *b'*, secures the bolt and

throws up the shackle. The key is then removed, and the seal-holder, having been released by the shackle, can be turned back for the removal of the broken seal and the insertion of the new one.

Claim.

I claim as my invention—

The pivoted seal-holder I, carrying an arm,

M, which is held by the shackle C, in manner substantially as described.

To the above specification of my improvements in locks I have set my hand this 11th day of January, 1871.

WILSON BOHANNAN.

Witnesses:

OCTAVIUS KNIGHT,

H. C. ELLIOTT.