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PATENT SPECIFICATION



Application Date: Dec. 9, 1926. No. 31,196 / 26. **270,983**

Complete Left: Jan. 19, 1927.

Complete Accepted: May 19, 1927.

PROVISIONAL SPECIFICATION.

An Improved Locking Device, for Padlocks, and other Locks.

I, GEORGE HUNT LAMB, of 5, Vicarage Lane, Stratford, London, E. 15, an Englishman, do hereby declare the nature of this invention to be as follows:—

A specially formed bolt operated by a spring, and having, as well as a central, two wing bolts, which on being shot home, pass through corresponding holes or slots, in the wall of the channel in

which a gapped ring rotates, and engaging, and passing into a hole on either side of the central part of the specially formed bolt referred to above, and into corresponding holes at the ends of a gapped ring.

Dated this 8th day of December, 1926.

GEORGE HUNT LAMB.

COMPLETE SPECIFICATION.

An Improved Locking Device for Padlocks and other Locks.

I, GEORGE HUNT LAMB, of 5, Vicarage Lane, Stratford, London, E. 15, an Englishman, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to an improved locking device for padlocks and other locks, or the like lock, of the type having a gapped annulus or ring as described in 28,871/12 forming the shackle which is secured by a bolt shot into engagement with the gap.

The accompanying drawings illustrate the invention of an improved locking device.

Fig. 1, being a plan of the improved locking device in a padlock.

Fig. 2, showing the gapped ring, G.

Fig. 3, showing the specially formed improved bolt, H.

The casing is provided with parallel guideways B, formed conveniently integral therewith, so as to carry the improved sliding bolt H, held in the normal or locked position by pressure of a helical spring Q, and housed within a

recessed part of the bolt H, and against which said spring bears, an appropriate abutment N, for the spring serving to limit the travel of the bolt.

The outer portions of the bolt H, extends, as shown, across the pathway of a guided annular link G, whose continuity is interrupted at P, so as to form a gap into which the outer ends of the bolt shoots, the improved form of this said bolt having a wingbolt L, added on each side, and shooting home simultaneously with the central part of the bolt through holes or slots M, in the guideways, and into and through corresponding holes or slots K, in the ring G, in the act of locking the device.

When it is desired to unfasten the padlock by rotation of the link G, the spring operated bolt H, is withdrawn from the gap P, a suitable key turning about the pivot I, and engaging one or the other of the lugs J, in a manner well understood.

When the bolt is withdrawn and the shackle turned to release it from the staple, the bolt is held by the shackle in the withdrawn position, and the key



cannot be turned completely, and there-
for remains imprisoned in the lock until
the lock is again in the locked position.

5 Having now particularly described and
ascertained the nature of my said inven-
tion and in what manner the same is
to be performed, I declare that what I
claim is:—

10 1. A padlock or other lock of the type
in which a gapped ring or the like, is
locked by shooting the end of a key-
retracted, spring-shot bolt into the gap,
characterised in, that the said bolt has

side wings with extensions, one on each
side of the bolthead for engaging recesses 15
or slots in the shackle in the locked posi-
tion.

2. A padlock or other lock as claimed
in Claim 1, in which the key is
imprisoned in the lock except when the 20
lock is in the locked condition.

3. A padlock or other lock substan-
tially as described and illustrated.

Dated this 6th day of April, 1927.

GEORGE HUNT LAMB. 25

[This Drawing is a reproduction of the Original on a reduced scale.]

