

J.B. Green Padlock
Assigned to Self & J.A. Reed

72845

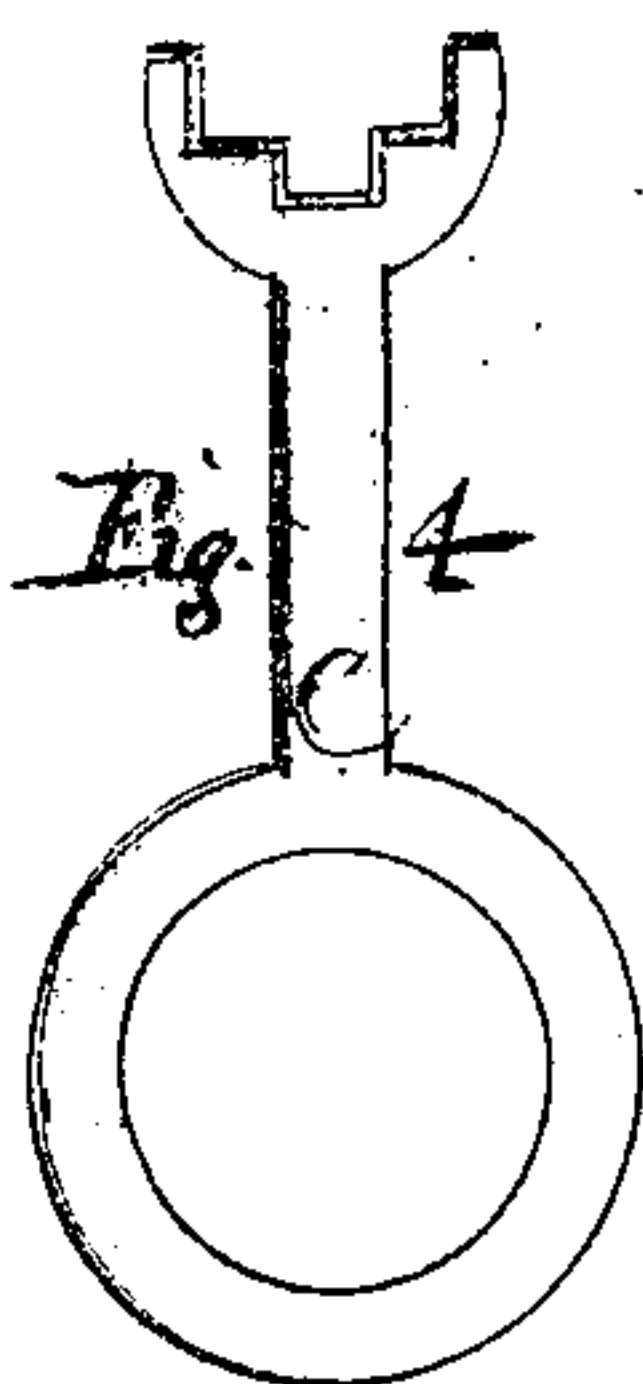
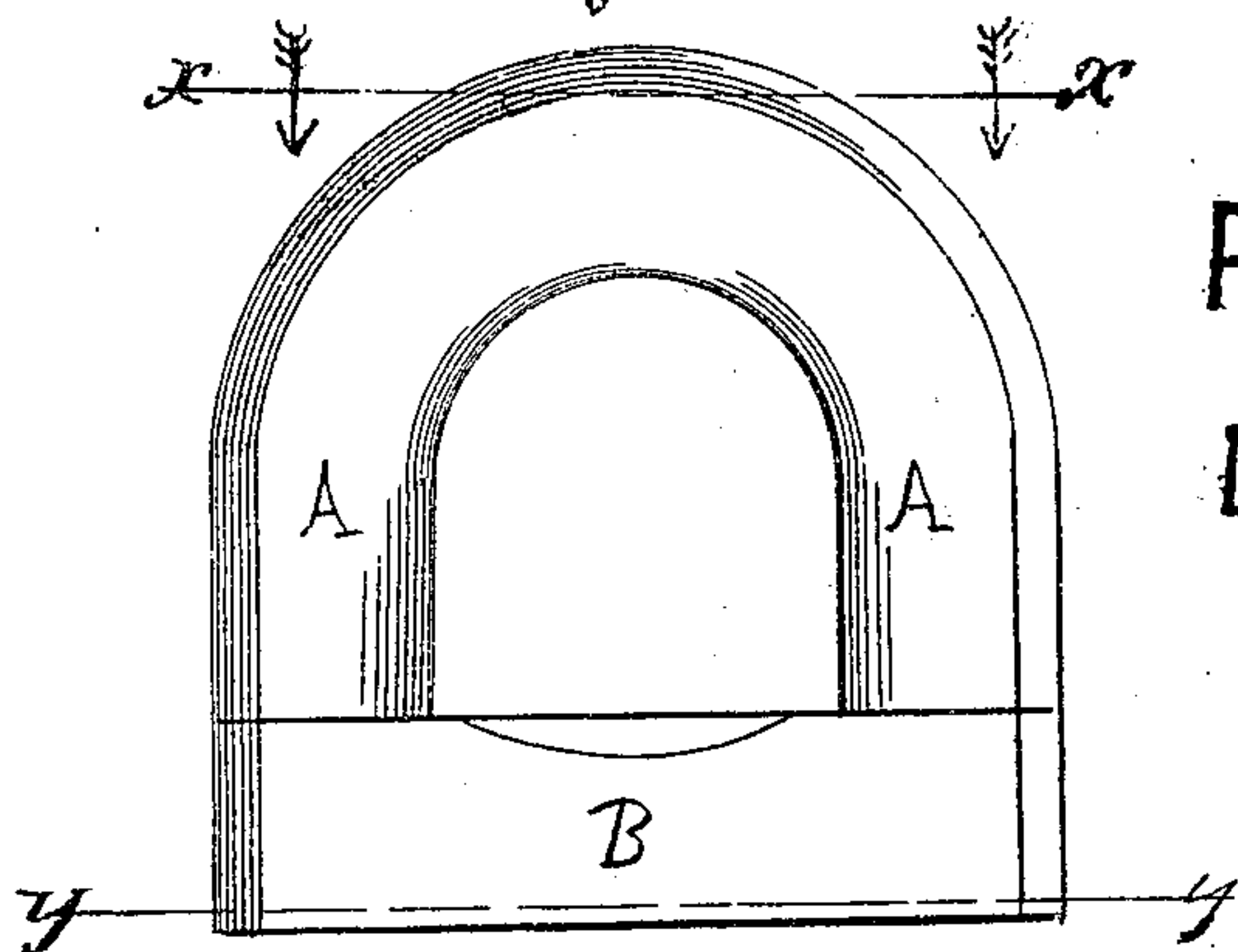


Fig. 1.



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Fig. 3.

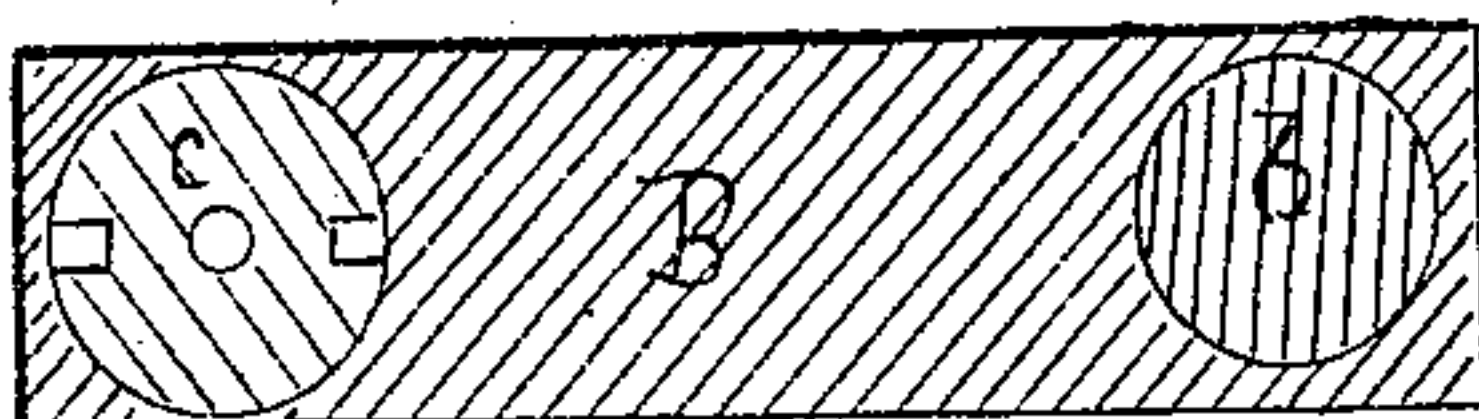
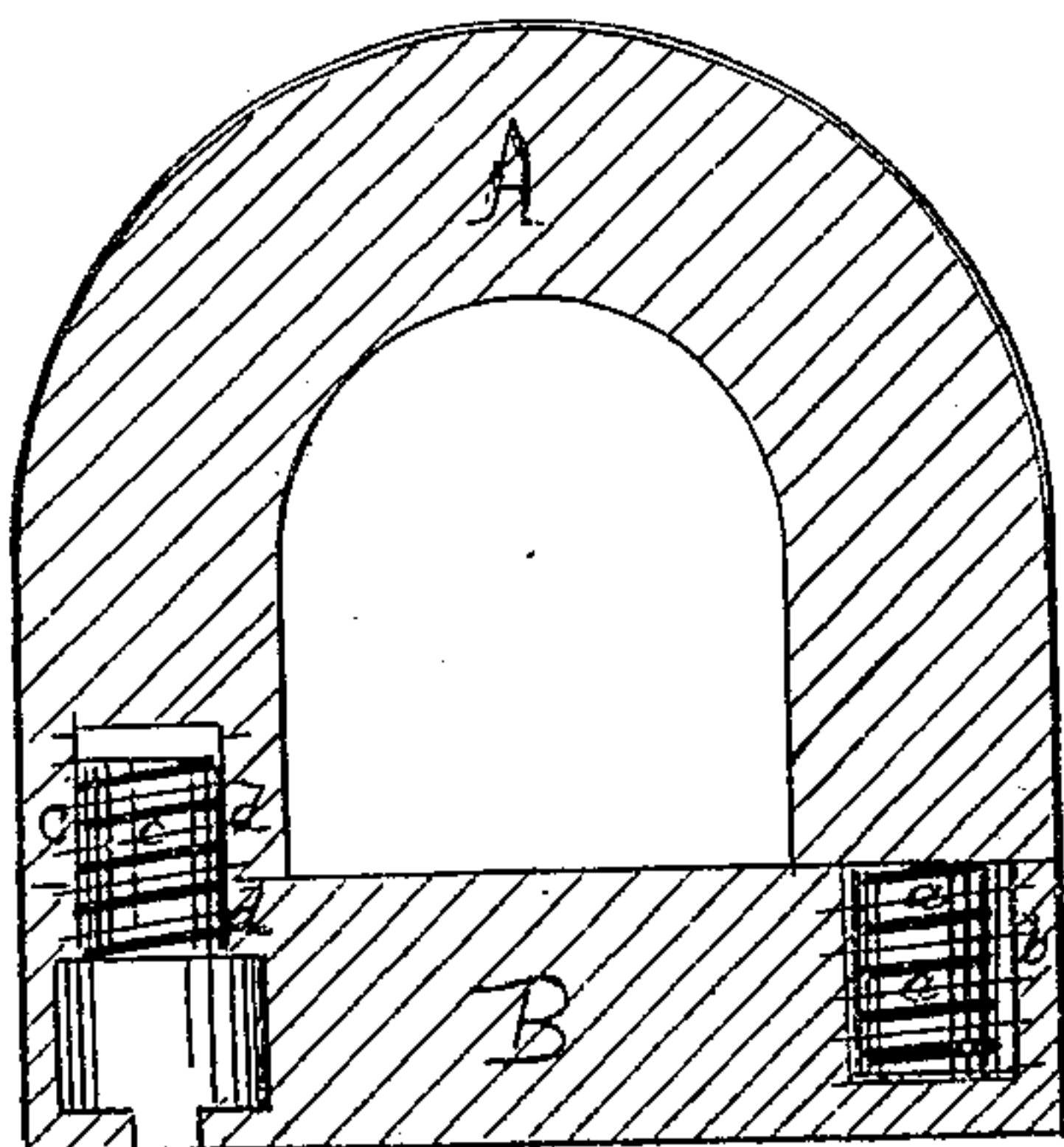


Fig. 2.



Witnesses
 Mr. M. L. Wright
 J. B. Beecher

Inventor
 John B. Green

United States Patent Office.

JOHN B. GREEN, OF DARIEN, ASSIGNOR TO HIMSELF AND J. A. REED, OF STAMFORD, CONNECTICUT.

Letters Patent No. 72,845, dated December 31, 1867.

IMPROVEMENT IN PADLOCKS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN B. GREEN, of Darien, in the county of Fairfield, and State of Connecticut, have invented a new and useful Improvement in Padlocks; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a side elevation of the padlock.

Figure 2 is a central section taken on the plane of the line *x x*, fig. 1.

Figure 3 is a transverse section, taken on the plane of the line *y y*, fig. 1.

Figure 4 is a view of a key for locking and unlocking the padlock.

My invention consists in a peculiar construction of a padlock; whereby, when it is in use, all of its working parts are shielded from the entrance of rain or snow; and whereby a very simple and cheap lock can be produced. It also consists in a peculiar manner of hinging the latch to the body of the padlock.

A designates the body of the padlock, and B the latch. The former is nearly semicircular in form, and the latter a strip of metal crossing the legs of the body A, and hinged to one leg of the said body, and locking into the other. The manner of hinging the latch to the body is by a screw, *a*, cut upon one leg of the body A, or upon a piece set therein. This screw, *a*, works in a nut, *b*, cut in the latch B. I will, however, remark that the screw *a* may be a projection made on the latch so as to screw in a nut in the body A, if desired. The simplicity of a hinge of this character is obvious. In practice, the body A would be cast with a stem on one end, which could be chased with a screw-thread to form the screw *b*, and a corresponding nut be tapped in the latch, or the reverse could be the case, as before stated. The locking is effected by a screw, *c*, working in a socket, *d*, in the latch, and a nut, *e*, in the body, the said screw *c* to be operated by a key, C.

It will be seen that this lock is of a most simple construction, there being, in fact, but three parts, the body A carrying a screw, *a*, the latch B, and the screw *c*. The body and latch can be of cast metal or malleable iron, and the work of fitting the screws and tapping the nuts is very little indeed. By this form or construction of padlock, its natural position, and the one it must always assume in the staple, is with the rounding part of the body upward; hence the working parts are always shielded from rain or snow, and are therefore not likely to rust.

What I claim as new and useful, and desire to secure by Letters Patent, is—

A padlock, having a curved body, A, and straight latch B, hinged together by the screw *a* and socket *b*, and otherwise constructed and arranged substantially as herein specified.

JOHN B. GREEN.

Witnesses:

M. M. LIVINGSTON,

T. B. BEECHER.