H. BUDD.
Padlock.

No. 212,892 Patented Mar. 4, 1879.

FIG. 1.

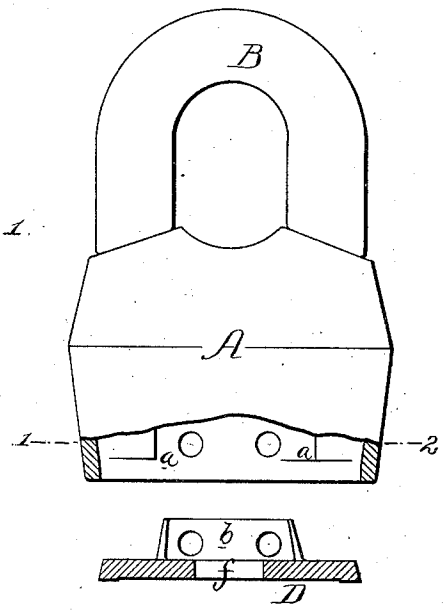


FIG. 2.

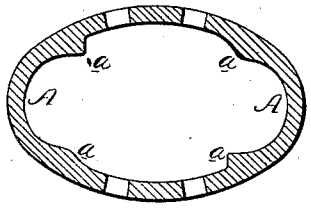


FIG. 3.

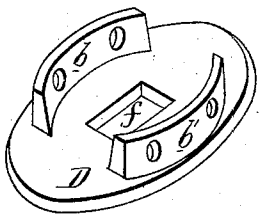


FIG. 5.

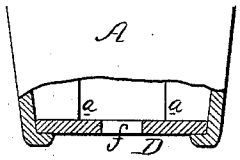
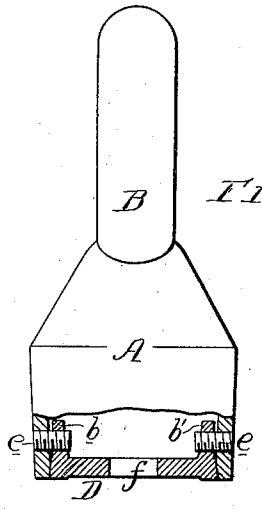


FIG. 4.



Witnesses
Henry Howson Jr.
Harry Smith

Inventor
Henry Budd
by his Attorneys
Howson and Sons

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HENRY BUDD, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO HIMSELF AND SAMUEL W. BUDD, OF SAME PLACE.

IMPROVEMENT IN PADLOCKS.

Specification forming part of Letters Patent No. **212,892**, dated March 4, 1879; application filed January 17, 1879.

To all whom it may concern:

Be it known that I, HENRY BUDD, of Philadelphia, Pennsylvania, have invented a new and useful Improvement in Scandinavian Padlocks, of which the following is a specification:

My invention relates to an improvement in Scandinavian padlocks; and the object of my invention is to secure the bottom plate to the case of a lock of this class more securely than heretofore, and in such a manner that it can be readily removed from and reattached to the case.

In the accompanying drawings, Figure 1 is a front view of a Scandinavian padlock, partly in section to illustrate my improvement; Fig. 2, a sectional view on the line 1 2; Fig. 3, a perspective view of the bottom plate; Fig. 4, an end view, partly in section; and Fig. 5, a view showing the ordinary manner of securing the bottom plate to the case.

The case A and detachable shackle B are of a shape and construction common to ordinary Scandinavian locks, and the operating contents of the case may be made in accordance with any of the different styles which different manufacturers have adopted; hence it has not been deemed necessary to illustrate any of the operating parts in the drawings.

D is the bottom plate of the lock-case, and is made to fit snugly within the latter, and to bear against internal projecting lugs, *a*. This plate D, which has the usual key-hole *f*, is furnished with two segmental flanges, *b b'*, which fit freely within the case, and through the latter and through each flange extend two threaded holes for receiving two screws, *e e*, by which the plate is fastened to the case.

It should be understood that these screws are filed or otherwise dressed off flush with the exterior of the case, so that their presence will not be perceived by an ordinary observer, the ends of the screws being further concealed by the coating of japan or paint which is generally imparted to ordinary locks of this class.

When access has to be had to the interior of the case, however, for the purpose of repairs, the expert mechanic familiar with the construction of the lock can readily remove the screws after first notching or drilling the ends of the same.

The joint where the plate fits to the casing can be easily concealed by a proper hammering of the metal at and near the joint.

Instead of the two flanges *b b'*, a single flange may be continued entirely around the plate D, and in some cases plugs driven into the holes in the case A and flange or flanges of the bottom plate may be substituted for the screws. The latter, however, are preferred.

The ordinary plan of securing a bottom plate to the case of a Scandinavian lock is shown in Fig. 5, the plate extending so far into the case that the latter presents a projecting edge, which is hammered or riveted against the plate; hence the latter cannot be removed without first filing away this hammered portion, and after doing this there will be no edge to hammer against the plate when the latter has been replaced. For this reason the repairing of locks of this class is rarely attempted.

Another objection to this plan of riveting the edge of the case against the plate is, that it suggests to thieves a ready mode of picking the lock by filing away the riveted portions.

I claim as my invention—

The combination of the case A of a Scandinavian lock, having internal projections, *a*, with the bottom plate or base, D, having a flange or flanges, *b b'*, and with screws or plugs passing through the case and through the said flange or flanges, all as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY BUDD.

Witnesses:

WILLIAM J. COOPER,

HARRY SMITH.