

G. DAMEN.

Safes.

No. 159,565.

Patented Feb. 9, 1875.

Fig: 1.

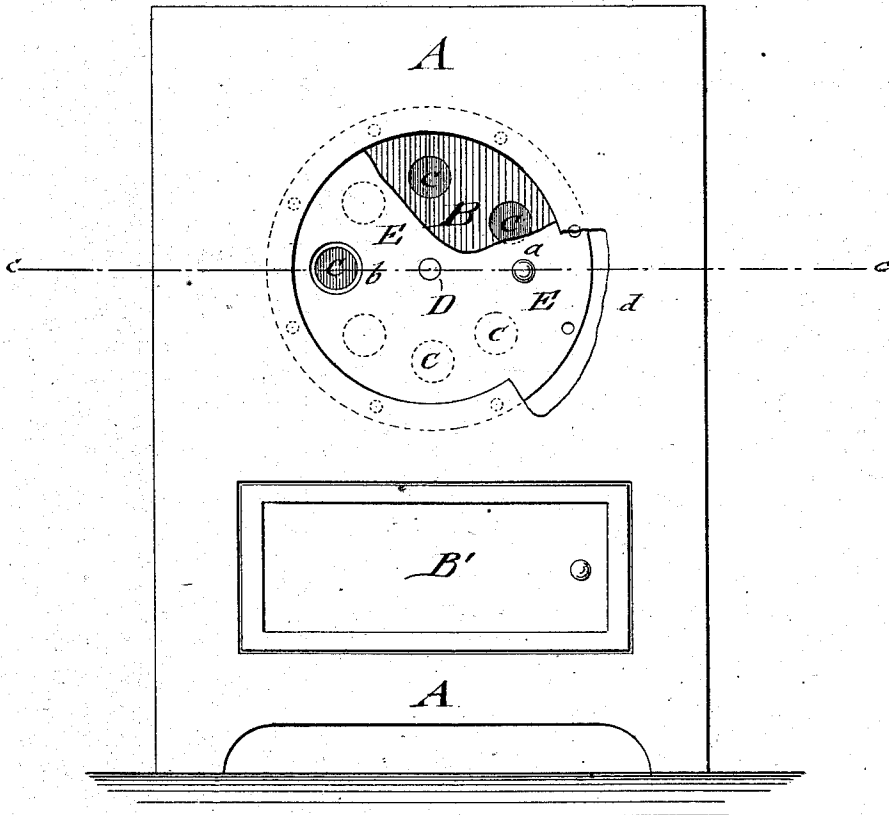
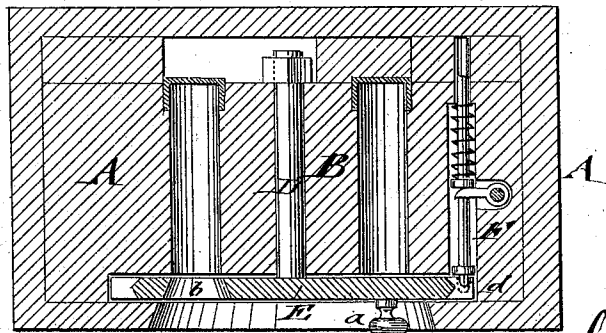


Fig: 2.



WITNESSES:

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IMPROVEMENT IN SAFES.

Specification forming part of Letters Patent No. 159,565, dated February 9, 1875; application filed January 18, 1875.

To all whom it may concern:

Be it known that I, GEORGE DAMEN, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Safe, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a front elevation of my improved safe, and Fig. 2 a horizontal section of the same on the line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention relates to improvements in safes by which the abstraction of bonds, jewelry, documents, and other valuables from any part thereof, while the safe is in use, may be effectually prevented, and thereby the practical utility of safes and vaults for the holding of valuables considerably increased.

My invention consists of a safe having a series of pigeon-holes or recesses arranged equidistant from a center spindle, which carries a revolving face-plate or disk with one or more apertures fitting the pigeon-holes, so as to open one of them at the time while closing the others, and locking them all by means of suitable spring-bolts entering rear holes or recesses of the face-disk in moving the disk forward.

In the drawing, A represents a safe or vault, which is provided at one part thereof with a pigeon-hole section, B, while the other part, B', is arranged in the usual manner, with a hinged door for the account-books and other large articles.

The pigeon-hole section is mainly intended for the purpose of storing valuable papers, jewelry, bonds, and other articles of smaller size in such a manner that only one pigeon-hole or section may be opened at the time for taking out the articles. The others, however, remain closed and protected. Any attempt to get at the other pigeon-holes produces the closing of all the pigeon-holes, so that a greater security than with the present safes, in which the door remains generally open when anything is taken out, may be obtained.

The pigeon-holes C are arranged for this purpose in the solid section B, made of cast-iron or steel, or other suitable material, of

round or other suitable shape, and in a circle around a central spindle, D, which is set into the section B by providing one of the pigeon-holes C with a detachable rear cap for adjusting the spindle-nut thereon. The spindle D carries a revolving face plate or disk, E, which slides by a circumferential ring of brass or other metal in nicely-fitting guide-recesses, and has a knob, *a*, for turning the face-plate and one or more apertures, *b*, of such width, and at such distance from the spindle, that the same fits exactly the pigeon-holes, so as to give access to the same when set thereto, and closes them when placed immediately between the same.

Only one of the pigeon-holes may be opened at a time for taking out the contents, the other remaining fully closed and protected.

A spring-bolt, F, or other equivalent locking device, is thrown into holes or recesses *d* at the rear side of the face-plate, midway between the pigeon-holes, so that on the turning of the face-disk the bolt enters into one of the holes and locks the disk firmly in position, closing all the pigeon-holes. Thus any attempt to get at the other pigeon-holes by trying to move the face-plate is frustrated by its locking into position to close the holes.

The spring-bolt F is required to be thrown back by means of a key, safe-lock, or other device applied at the side or top of the safe for admitting the moving of the disk and the opening of any one of the pigeon-holes, resuming the closed position again on the throwing of the lock-bolt, so as to furnish thereby a very useful, convenient, and secure safe arrangement for general business purposes.

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

1. In safe or vaults, a safe-section with pigeon-holes arranged equidistant from each other, and in a circle from a central spindle, in connection with a revolving closing face-plate or disk with one or more corresponding apertures, being adjustable to the pigeon-holes for giving access to the same, substantially as shown, and for the purpose set forth.

2. In a safe or vault, a pigeon-hole section, having pigeon-holes arranged at interstices

somewhat larger than their diameter, and in a circle around a common center, substantially as shown and described.

3. The combination of the revolving face-disk, having rear holes or recesses, with a spring-bolt or other locking device, arranged in such a manner that it locks the disk rigidly

until withdrawn, and causes the automatic locking when turning the disk, substantially as described.

GEORGE DAMEN.

Witnesses:

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