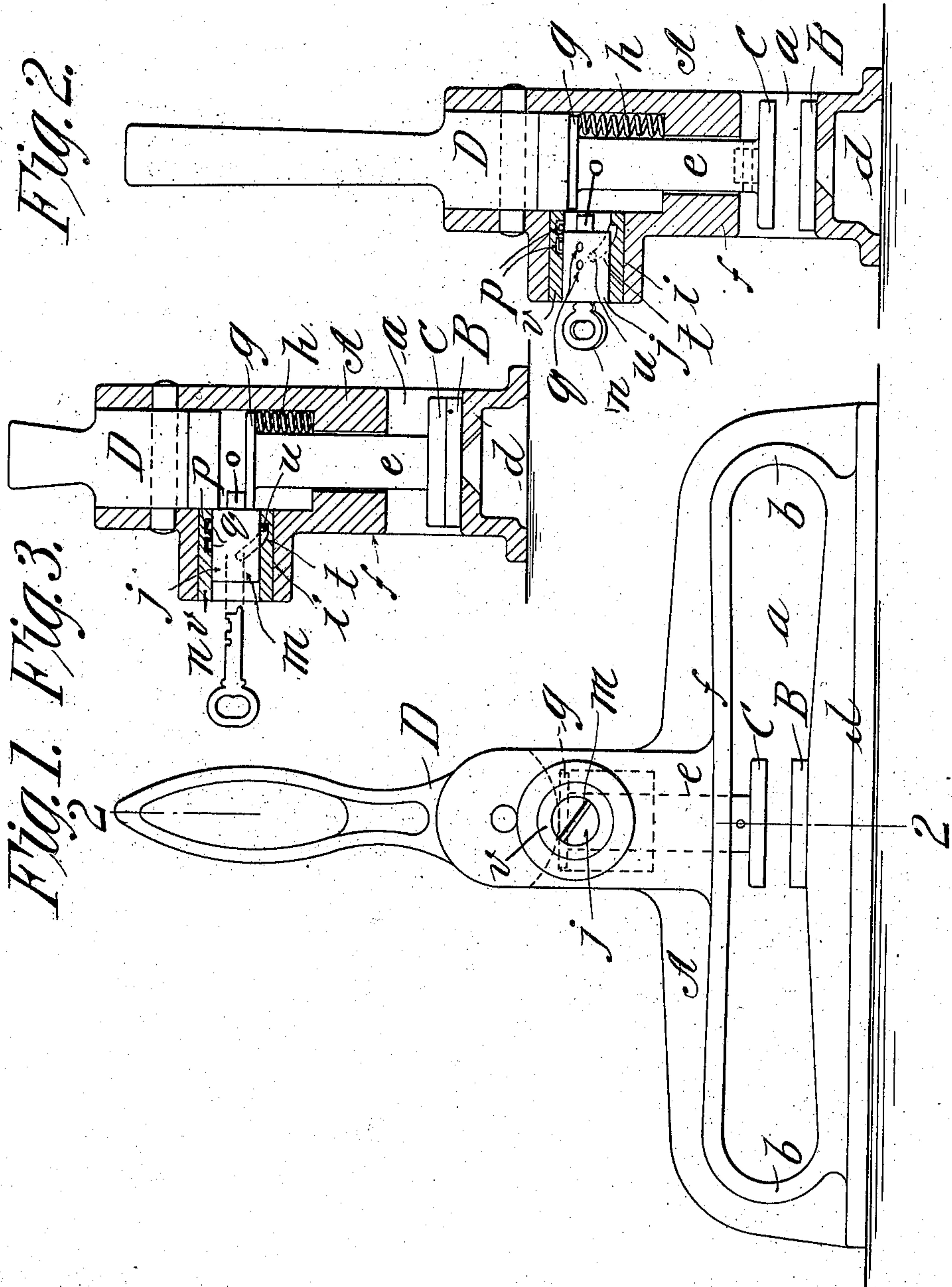


F. GOTTSCHALK.  
 DEVICE FOR IMPRESSING SEALS ON PAPERS.  
 APPLICATION FILED MAR. 27, 1908.

911,007.

Patented Jan. 26, 1909.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

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## DEVICE FOR IMPRESSING SEALS ON PAPERS.

No. 911,007.

Specification of Letters Patent.

Patented Jan. 26, 1909.

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*To all whom it may concern:*

Be it known that I, FELIX GOTTSCHALK, a citizen of the United States of America, and resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Devices for Impressing Seals on Papers, of which the following is a full, clear, and exact description.

One object of this invention is to provide a device for impressing notarial, corporate or other seals, or like impressions, on papers, which by the structural character thereof is especially available and convenient to enable one to impress the seal always right side up and at any portion on the width of a legal or other paper.

Another object is to provide a locking device for the movable seal die carrying plunger or part so that it becomes necessary to use a special key in order to effect a seal impressing operation or operations. And a further object is to produce a sealing device having the advantages herein rendered apparent which is of extreme simplicity, and practicability of construction at very low cost.

The invention consists in the device made as hereinafter described in conjunction with the accompanying drawings and set forth in the claims.

In the drawings,—Figure 1 is a side elevation of the seal impressing device; Fig. 2 is a centrally transverse vertical section on line 2—2, Fig. 1. Fig. 3 is a view similar to Fig. 2, but showing the movable seal as in its lowered position and there locked.

In the drawings,—A represents a frame for the sealing device which consists of an integrally formed, comparatively low, and horizontally elongated casting having an aperture *a* therethrough, extending from front to rear, and also as to its greater longitudinal dimension nearly to the ends of the casting, which latter comprises the portions *b b* which unite its base *d* with its over-ranging beam-like member *f*. The said elongated aperture becomes widened in height from its somewhat contracted middle portion towards its end portion as particularly shown in Fig. 1.

B represents a sealing die affixed on the middle portion of the frame base member and C represents the companion die movably

carried at the lower end of the vertical plunger *e*, fitted through a vertical bore therefor in the middle portion of the upper frame member *f*, having at its upper end a shoulder *g*, coacting with which is the cam-ended operating lever D for downwardly forcing the die carrying plunger, while one or more spiral springs *h* are provided in a socket or sockets therefor in the frame adjacent the shoulder and exert an upward reaction thereagainst for the elevation of the plunger and die.

In the front side of the frame member *f* is a circular socket *i* in which is fitted the cylindrical casing or barrel *j* of a Yale or other suitable or approved description of lock, such barrel having a key way *m* therein for a special key *n*; and the barrel carries at its inner end an endwise extended locking member or bolt *o*. The socket at a suitable portion in the length thereof is made with one or several holes *p* in which one or several radially movable and key controlled pins or tumblers *q* of the lock engage, with capability of inward withdrawal and disengagement therefrom as common in pin tumbler locks.

The pins or tumblers, or several sets thereof, are operative to prevent rotative movement of the lock cylinder or barrel excepting as warrantably done by the utilization of the key. There is, moreover, in the wall of the socket a cam groove *t* in which is engaged a stud *u* affixed to and projecting radially from the side of the barrel; and, therefore, so soon as the barrel, by the action of the key, is unlocked to turn so that the barrel may be endwise moved, the rotative movements imparted to the barrel, by the key, insures, by the impingement of the stud *u* in the cam slot *t* the endwise movement of the barrel to result in the withdrawal of the bolt or locking member *o* from engagement over the shoulder *g* of the then fully lowered seal-carrying plunger, unlocking the seals which had been closed together as shown in Fig. 3, so they are free to be used as seen by the relations of the parts in Fig. 2.

For practicability and greatest convenience, the socket in which the lock barrel is fitted and in which it both rotates and moves endwise is comprised in a shell or bushing *v* which is driven, screwed, or otherwise secured in a transverse opening therefor in the frame.



Inasmuch as the end portions *b, b*, of the frame, are curved on their inner faces, they virtually form guides for the rolled or doubled parts of papers which are more or less bulky. Moreover, since the tendency of a doubled mass of papers is to assume its normal extended state, the slot *a*, narrowing as its center is approached, will retain the free end portions of the doubled papers in their doubled condition, and will force the papers at their doubled portions, where the thickness is greater, against ends *b, b*, in the curved seat thereof, and thus will secure the papers against movement, leaving the hands of the operator free to manipulate lever *D*, and the sheet of paper to receive the seal at the point where the seal is to be impressed. It will be further seen that lever *D*, may be operated either to the right or left, and since it has a central location on the frame the seal may be impressed with equal effect regardless of its direction of operation. It is, moreover, a mere matter of election whether the lock is operative for locking the seal in its closed position as shown in Fig. 3 or in its open position, as the devices might be arranged to do; but it may be stated that if the seal were to be locked when in its open position a meddler might, by exerting an unreasonable amount of strength on the seal operating member, break or injure the mechanism. It will further be noted that since the ends *b, b*, of the frame provide rigid, substantial support for the upper frame member *f*, and since the latter sags at its central part, the upper frame member will be supported as to be capable of giving at its center, at which point the die *C* operates, thereby providing a resilient bed for the die *C*.

A seal impression may be made by this device right side up, and at any place on the width of a legal, or other paper, owing to the

comparatively long spaces comprised in the aperture *a* both to the right and left of the axis of the seal, and between the seal and the uniting portions *b b* of the frame, and owing to the vertical widening of the spaces, if the papers are extremely wide they may be more or less rolled at their edge and easily accommodated in one or the other of the ends of the elongated aperture while the seal impression is being made. To lock the die *C*, in down position same is moved by hand to the position shown in Fig. 3, against the action of spring *h*, member *D*, being retained in vertical position, which leaves a space between the head *g*, of plunger *e*, and the cam lever of *D*, in which space the bolt of the lock is projected. As depicted in Fig. 2, the head *g*, is in position to engage on its under side, the bolt lock, when the latter is moved to locked position.

I claim:—

1. A seal composed of a frame, a stationary die thereon, a movable die having a head thereon, and means to lock said movable die in upper or down position, said means engaging the top of said head when locking said movable die in down position, and engaging the under side of said head when locking said movable die in upper position.

2. A seal composed of a frame, a stationary and a movable die carried by said frame, a head carried by the movable die, and a lock including a movable bolt for engagement with the under and upper faces of said head to lock said movable die in upper and down positions respectively.

Signed by me at New York city, N. Y., in presence of two subscribing witnesses.

FELIX GOTTSCHALK.

Witnesses:

H. A. CROSBY,  
WILLIAM B. CLAFLIN.