

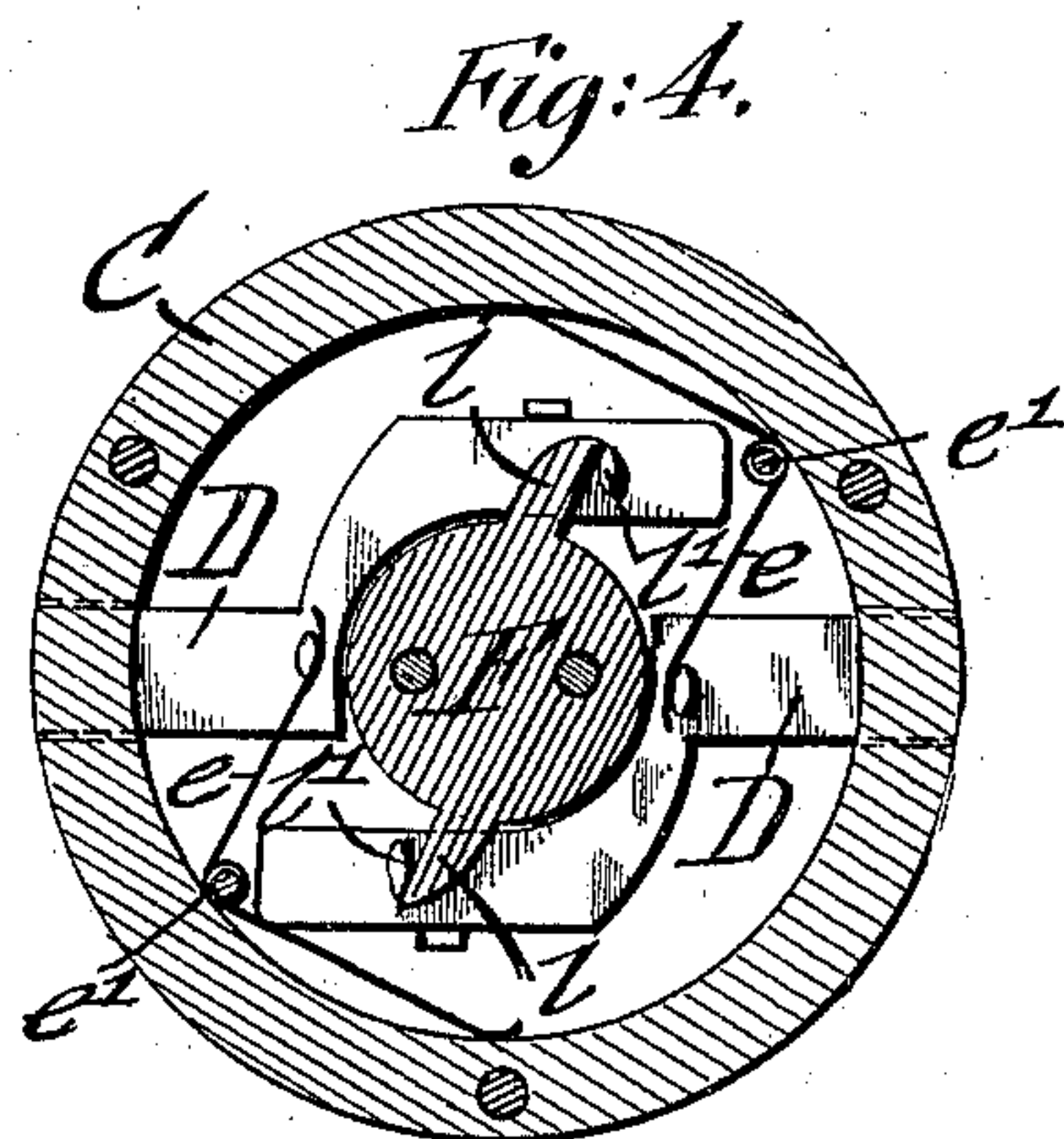
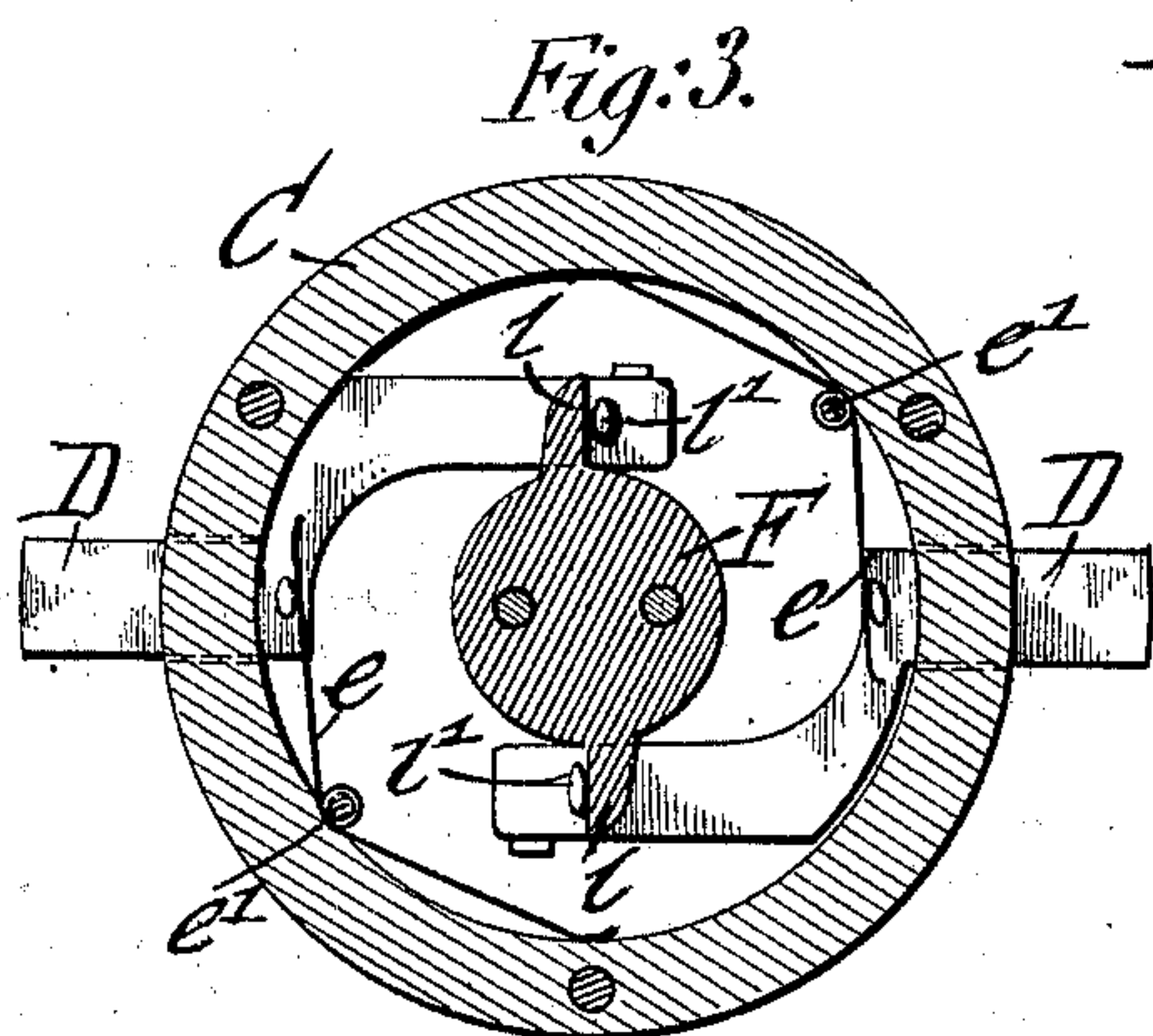
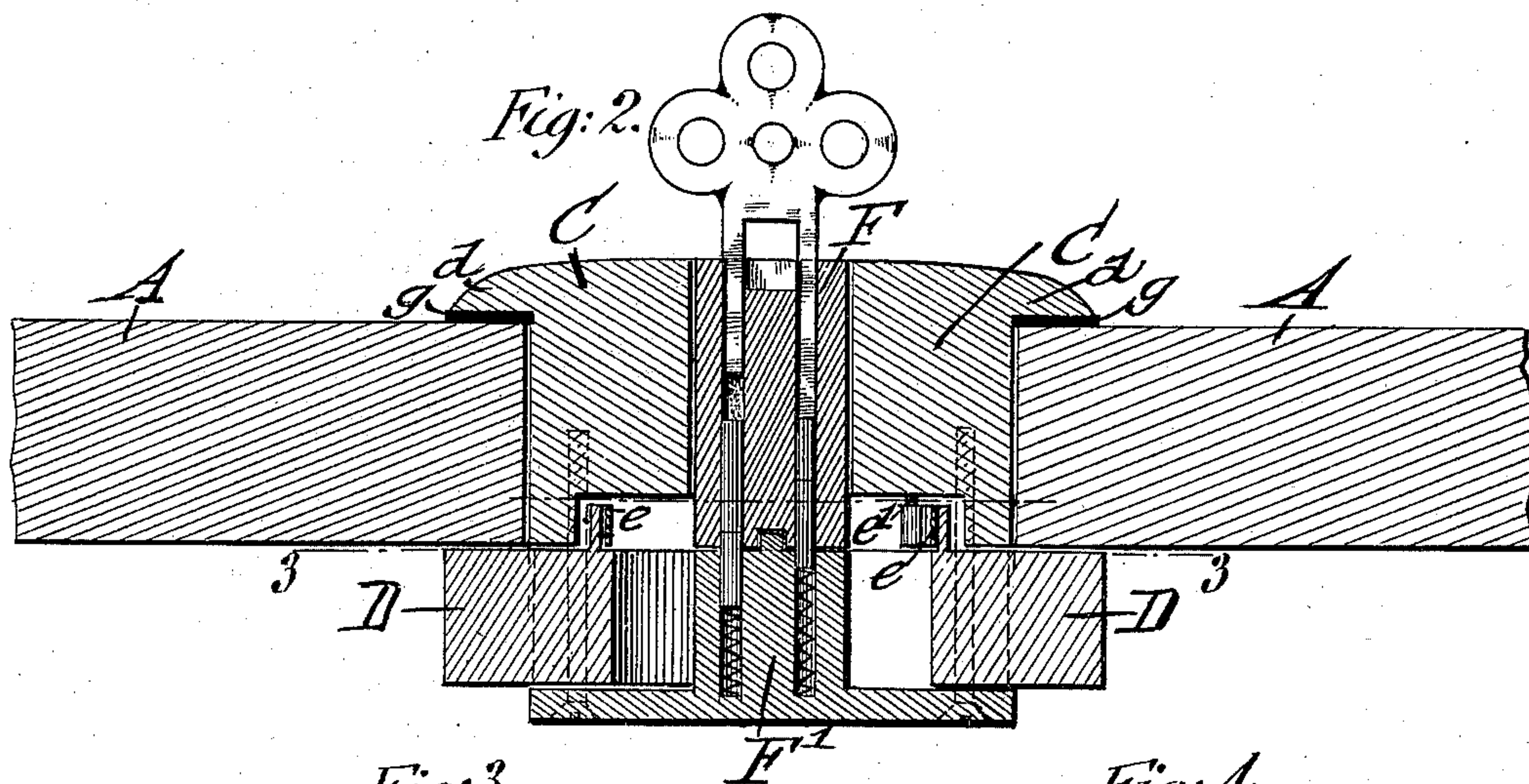
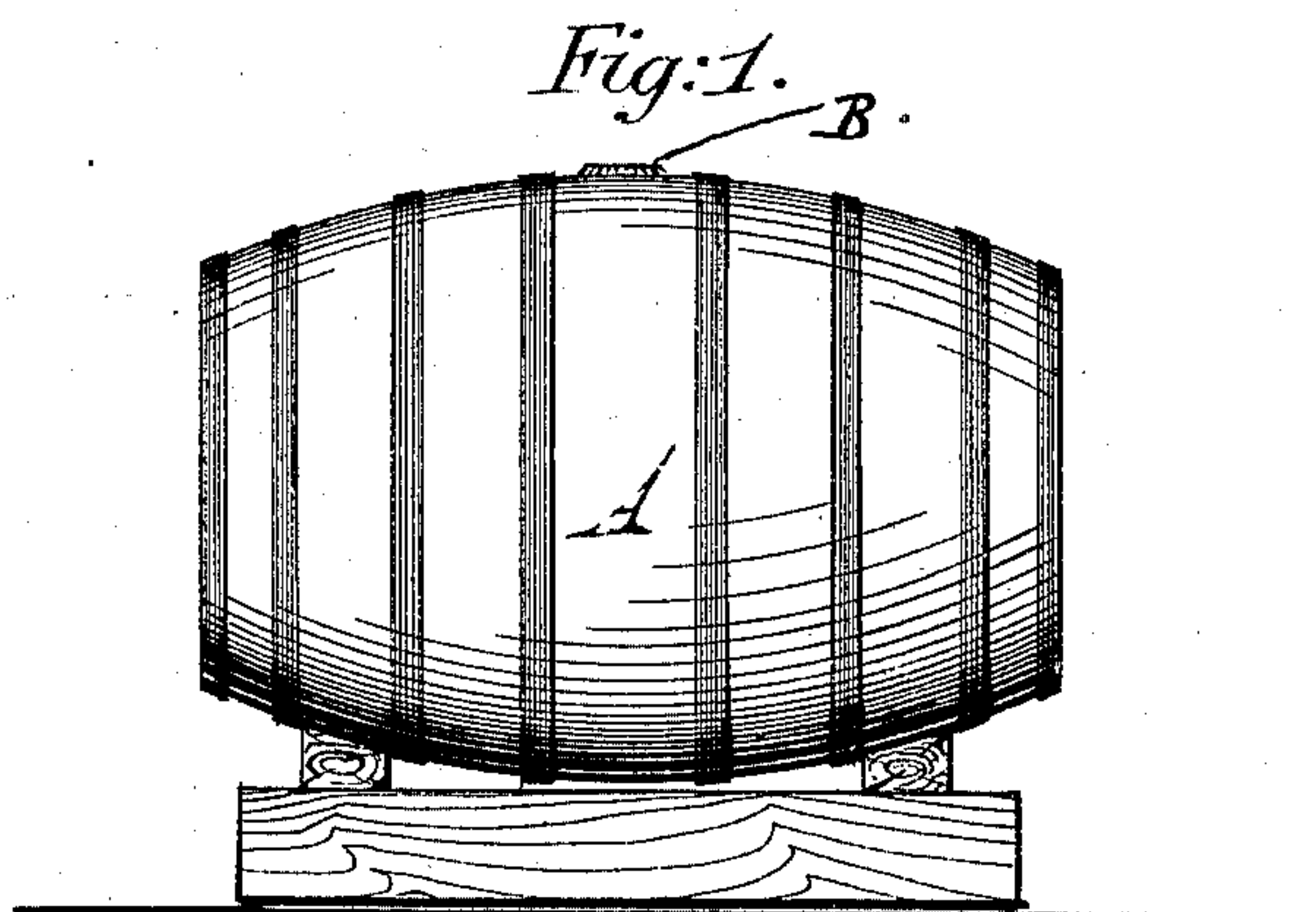
No. 757,118.

PATENTED APR. 12, 1904.

H. HUBERT.
BUNG LOCK.

APPLICATION FILED DEC. 1, 1903.

NO MODEL.



Witnesses
Henry J. Suhrbier.
Fred Holman

Inventor
Henry Hubert,
By his Attorneys, *Goepel & Niles.*

UNITED STATES PATENT OFFICE.

HENRY HUBERT, OF NEW YORK, N. Y.

BUNG-LOCK.

SPECIFICATION forming part of Letters Patent No. 757,118, dated April 12, 1904.

Application filed December 1, 1903. Serial No. 183,316. (No model.)

To all whom it may concern:

Be it known that I, HENRY HUBERT, a citizen of the Empire of Germany, residing in New York, borough of Manhattan, and State of New York, have invented certain new and useful Improvements in Bung-Locks, of which the following is a specification.

This invention relates to an improved lock which will permit of securely closing or readily opening the bungs of whisky-barrels and others of similar kind, so as to prevent access to the barrel by any person not authorized to draw off the contents thereof, the invention being specially designed for the use of saloon-keepers and others who buy whisky by the barrel for retailing purposes; and the invention consists of a bung-lock which comprises a casing, spring-actuated bolts guided in said casing, an axially-rotating central tumbler-cylinder provided with tumbler-pins, a stationary tumbler-cylinder below said rotating tumbler-cylinder provided with spring-actuated tumbler-pins, said tumbler-pins being actuated by a suitable key when it is desired to open the lock and remove it from the bung, as will be fully described hereinafter and finally pointed out in the claim.

In the accompanying drawings, Figure 1 represents a side elevation of a barrel with my improved bung-lock in position thereon. Fig. 2 is a vertical central section through the bung-lock, drawn on a larger scale, the key being shown in position ready for being inserted into the lock for opening the same. Fig. 3 is a horizontal section on line 3-3, Fig. 2, showing the bung-lock in closed position; and Fig. 4 is a similar section showing the same in open position ready for being withdrawn from the bung.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents a barrel containing whisky or other substance. B is the bung-lock, which is inserted into the bung of the barrel and which consists of a casing C, the lower part of which is recessed and provided with diametrical openings for the spring-actuated sliding bolts D D. The upper end of the casing C is provided with a circumferential rim *d*, between which and the

top of the barrel is inserted a gasket *g*, as shown in Fig. 2. The bolts D are acted upon by springs *e*, which are applied to pins *e'* of the casing, one end of the spring engaging the inner side surface of the casing, while the other end of the spring engages a lug or projection on the upper face of the bolts, so as to hold the same normally in thrown position—that is to say, so as to have their ends project beyond the lower rim of the casing C, as shown in Fig. 3.

The upper portion of the casing C is provided with a cylinder-socket in which is placed a tumbler-cylinder F, that is supported on a central stationary cylinder F' in the lower part of the casing, the upper cylinder being rotatable on its axis and supported for this purpose on a center pin on the lower central stationary tumbler-cylinder F', as shown in Fig. 2. The lower stationary cylinder F' is provided with parallel bores in which tumbler-pins and their helical actuating-springs are inserted. The movable tumbler-cylinder F is also provided with bores passing through the same, which bores register with the bores in the stationary tumbler-cylinder F' and in which are placed tumbler-pins of different widths, so that every lock can be opened only by a key the wards of which correspond to the depth of the tumbler-pins in the rotatable tumbler-cylinder. Each bung-lock is arranged to be opened by a special key having different lengths of wards, as shown in Fig. 2, so that when the key is inserted the tumbler-pins are depressed to such an extent that the rotatable tumbler can be turned on its axis and permit by its diametrical lugs *l* the engagement of lugs *l'* on the rear ends of the bolts, so as to draw the bolts inwardly into the casing C and permit the removal of the bung-lock. The drawn-in position of the bolts is shown in Fig. 4. When the bung-lock is open, access is given to the contents of the barrel, so that the required quantity can be siphoned off, after which the bung-lock is placed in position again, the withdrawal of the key permitting the throwing of the bolts by the springs *e* from the drawn-in position (shown in Fig. 4) to the locking position, (shown in Figs. 2 and 3,) so that on

the withdrawal of the key the bung-lock cannot otherwise be opened.

By my improved bung-lock the contents of the barrel is protected against meddling or theft by unauthorized persons, so that a better security for barrels containing whisky and other liquors is obtained.

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

10 A bung-lock, consisting of a casing, sliding and spring-actuated bolts guided in openings in the lower part of the casing and provided with lugs at their inner ends, a bored stationary tumbler-cylinder in the lower part of said
15 casing, an axially-rotatable tumbler-cylinder in the upper part of the casing, provided with

bores and means for receiving a key for rotating the cylinder on its axis, spring-supported tumbler-pins sliding in the bores of the lower and upper cylinders, and lugs on the upper cylinder engaging the lugs at the inner ends of the sliding bolts for permitting the drawing of the same into the casing when the upper tumbler-cylinder is axially rotated by the key, substantially as set forth. 20 25

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

HENRY HUBERT.

Witnesses:

HENRY J. SUHRBIER,
PAUL GOEPEL.