

No. 808,413.

PATENTED DEC. 26, 1905.

H. WEHRHAHN.
METAL BARREL.

APPLICATION FILED MAR. 7, 1905.

Fig. 1.

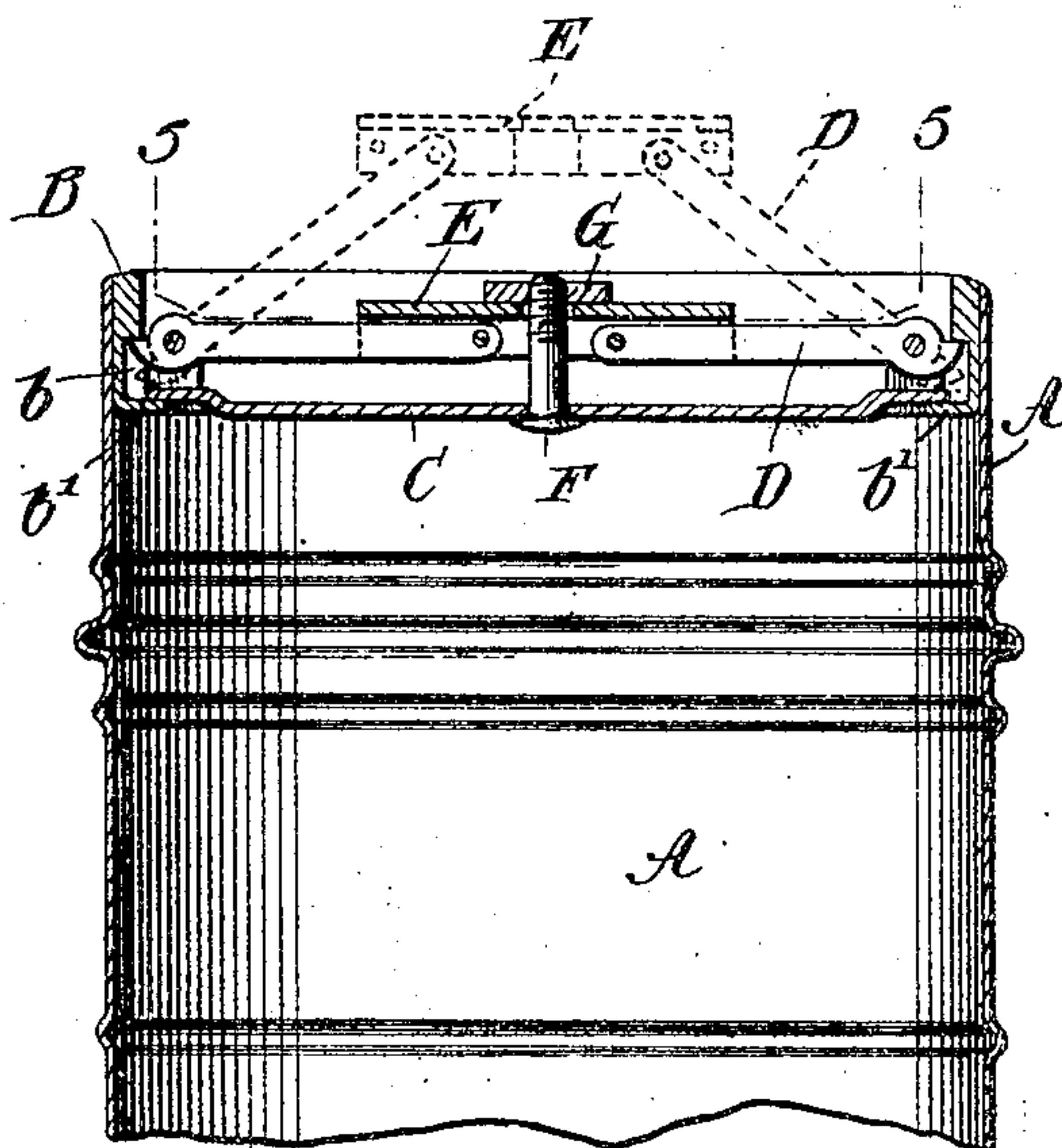
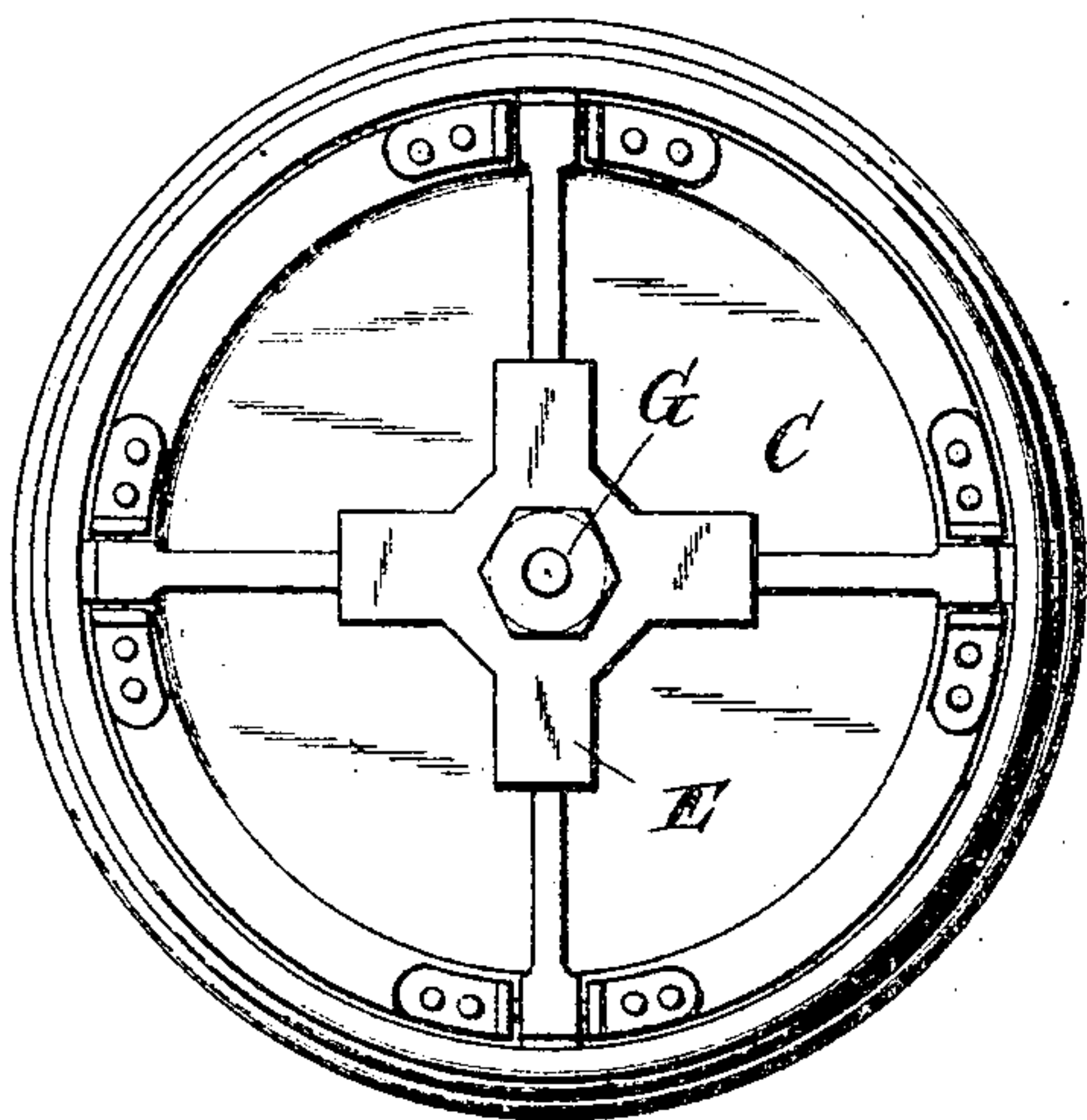


Fig. 2.

Fig. 4.

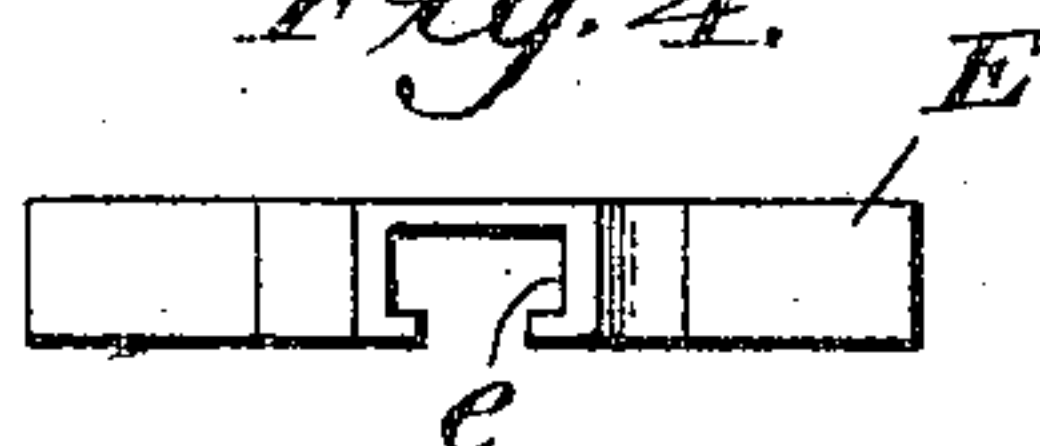


Fig. 3.

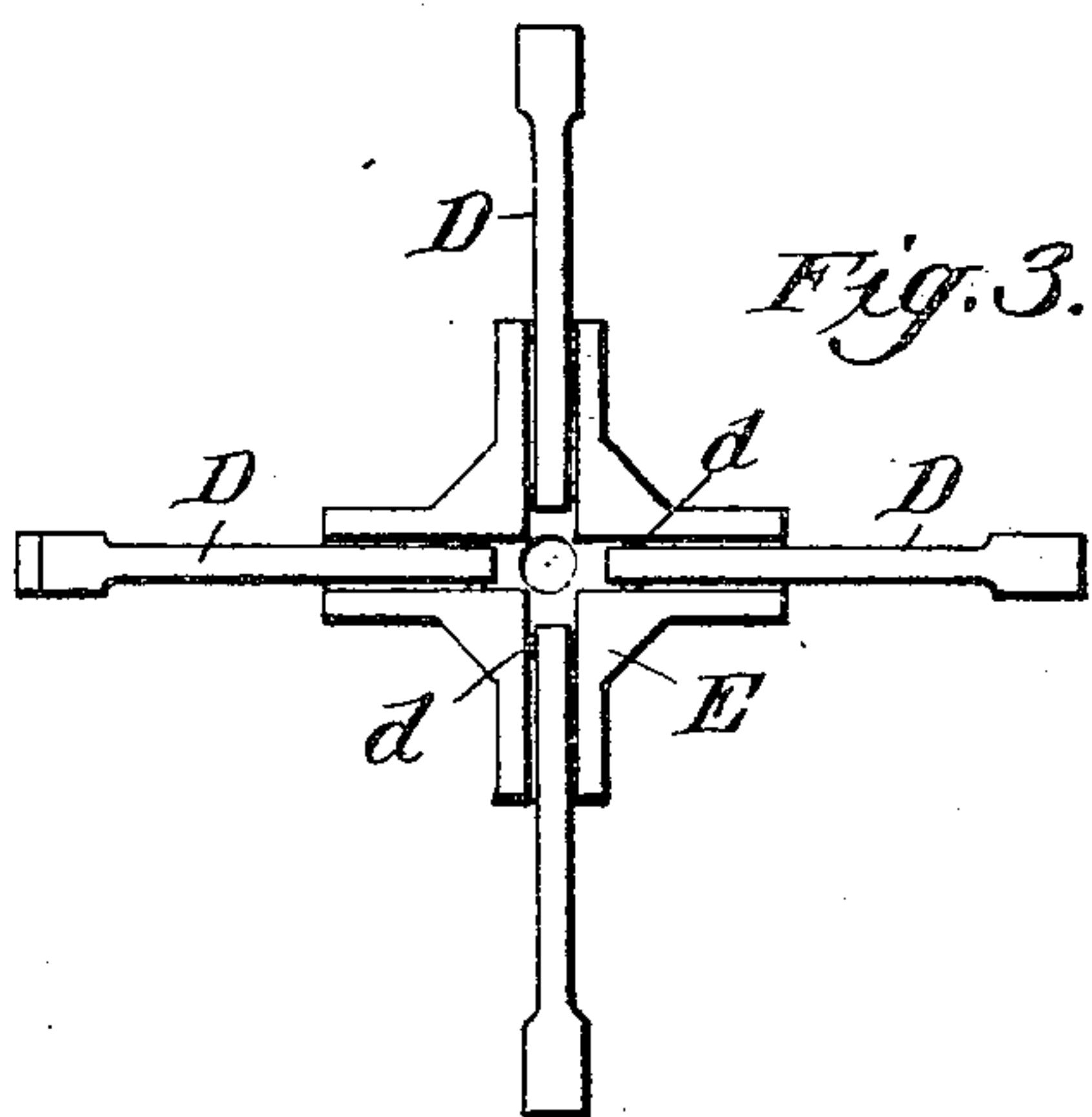
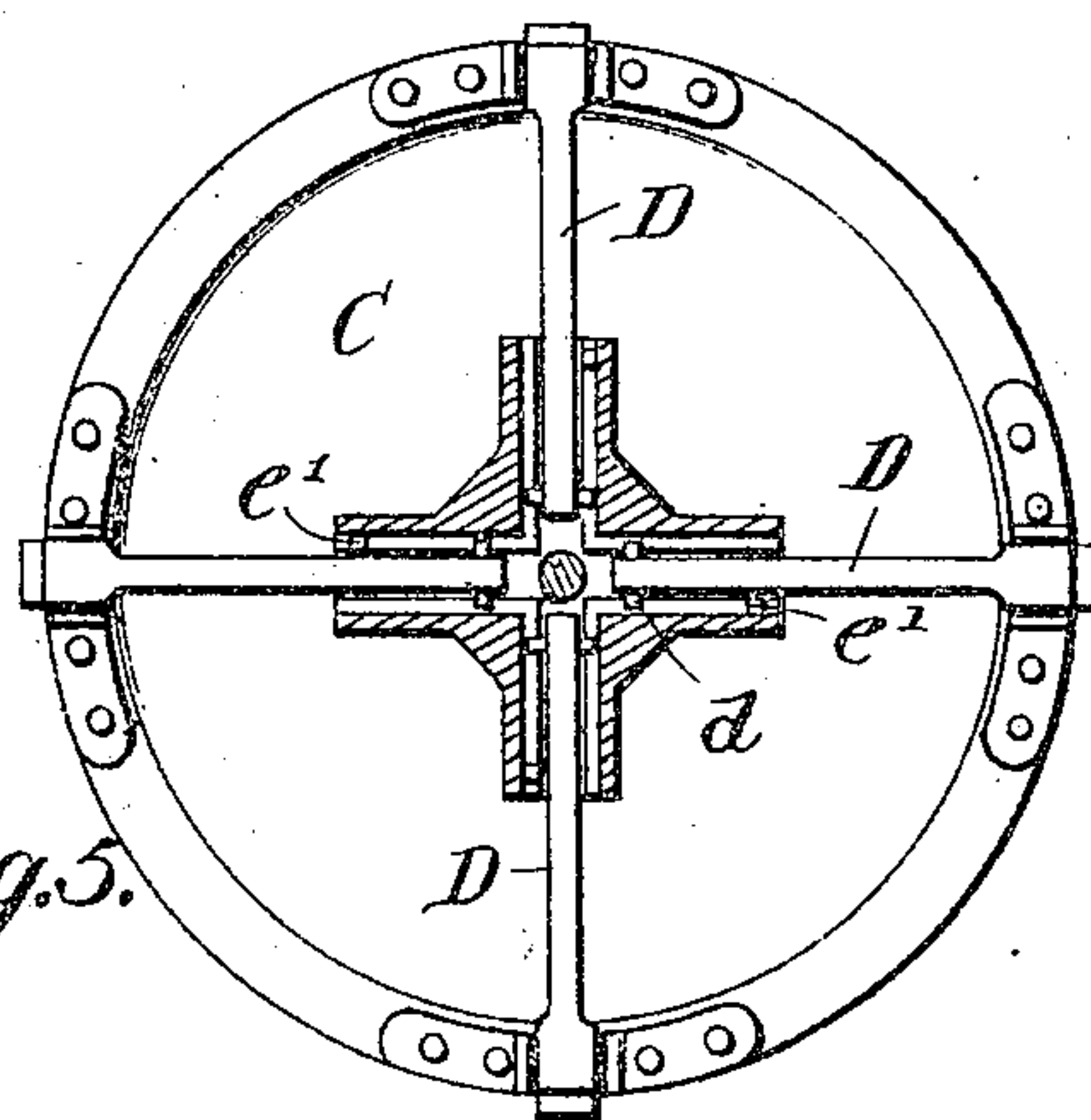


Fig. 5.



Witnesses
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By his Attorney J. W. Hardie

UNITED STATES PATENT OFFICE.

HENRY WEHRHAHN, OF NEW YORK, N. Y., ASSIGNOR TO ELIZABETH COCHRANE SEAMAN, OF NEW YORK, N. Y.

METAL BARREL.

No. 808,413.

Specification of Letters Patent.

Patented Dec. 26, 1905.

Application filed March 7, 1905. Serial No. 248,856.

To all whom it may concern:

Be it known that I, HENRY WEHRHAHN, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the State of New York, have invented new and useful Improvements in Metal Barrels, of which the following is a specification.

My invention has for its object to provide means for readily detaching and securing the head of a metal barrel.

In the drawings, Figure 1 is a plan view of the top of a barrel embodying my invention. Fig. 2 is a vertical cross-section of the same. Fig. 3 is a plan view of the under side of locking-levers and head-block detached. Fig. 4 is a side elevation of head-block detached, and Fig. 5 is a plan view of head of barrel and a horizontal section of head-block.

As indicated in the drawings, A represents the shell or body of a barrel having an annular band B secured within the end of the shell and provided with a lateral flange b' and a recess or groove b , preferably made annular so as to extend continuously around the inner wall of the band B. The head C of the barrel is provided with locking-levers D, pivoted to said head and provided with outer ends which engage the groove b of the head-band. The inner ends of said levers engage grooves e , formed in the head-block E, which grooves are provided with stops e' , adapted to come in contact with pins or stop d , secured to the inner ends of the locking-levers, and prevent said ends from being withdrawn from the head-block. A bolt F is secured to the head of the barrel and is provided with a nut G, having a threaded engagement therewith. When the barrel-head is secured in place, the locking-levers and head-block are arranged as shown in full lines in Fig. 2. When, however, it is desired to remove the head from the barrel, the nut G and head-block E are released from engagement with the nut F and

the head-block raised to the position indicated by dotted lines in Fig. 2. When the parts are in such position, the head may be readily detached from the barrel and the inner ends of the locking-levers held securely in position in the head-block, so as to be controlled and operated by means of said head-block when desired. By means of such construction and the continuous groove b , the outer ends of the locking-levers D may be applied at any points to the groove b and the head thereby quickly secured to the barrel.

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

1. The combination with a shell, of a head-band secured to said shell and provided with a recess and a lateral flange, a head adapted to be supported on said flange, locking-levers pivoted to said head and provided with outer ends adapted to engage said recess, a head-block having a sliding engagement with the inner ends of said levers; and means for locking the inner ends of said levers in engagement with said head-block, substantially as shown and described.

2. The combination with a shell, of a head-band secured to said shell and provided with an annular groove and lateral flange, a head adapted to be supported on said flange, locking-levers pivoted to said head, a head-block having a sliding engagement with the inner ends of said levers, and means for locking the inner ends of said levers in engagement with said head-block, substantially as shown and described.

In witness whereof I have hereunto subscribed my name in the presence of two witnesses.

HENRY WEHRHAHN.

Witnesses:

ROBERT W. HARDIE,
H. C. ROBERTS.