

No. 835,028.

PATENTED NOV. 6, 1906.

J. McK. LYNN.
ROD COUPLING.

APPLICATION FILED JUNE 29, 1906.

Fig. 1.

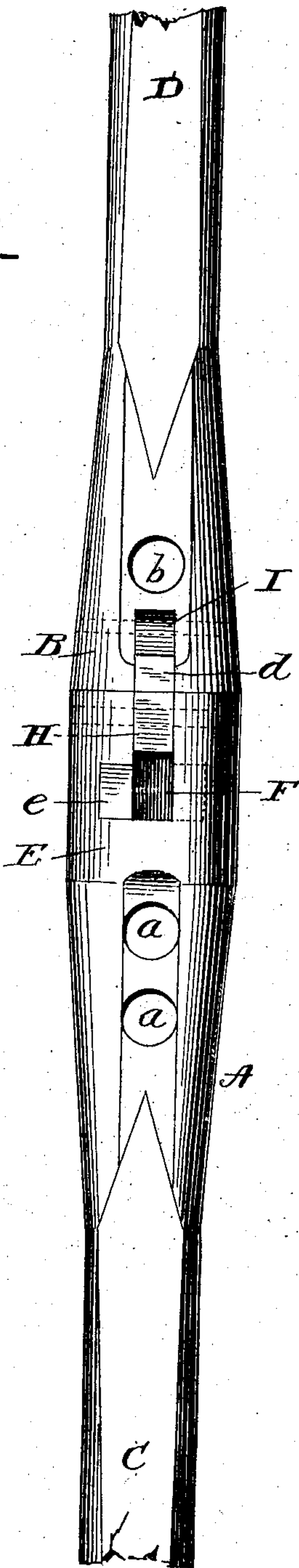


Fig. 2.

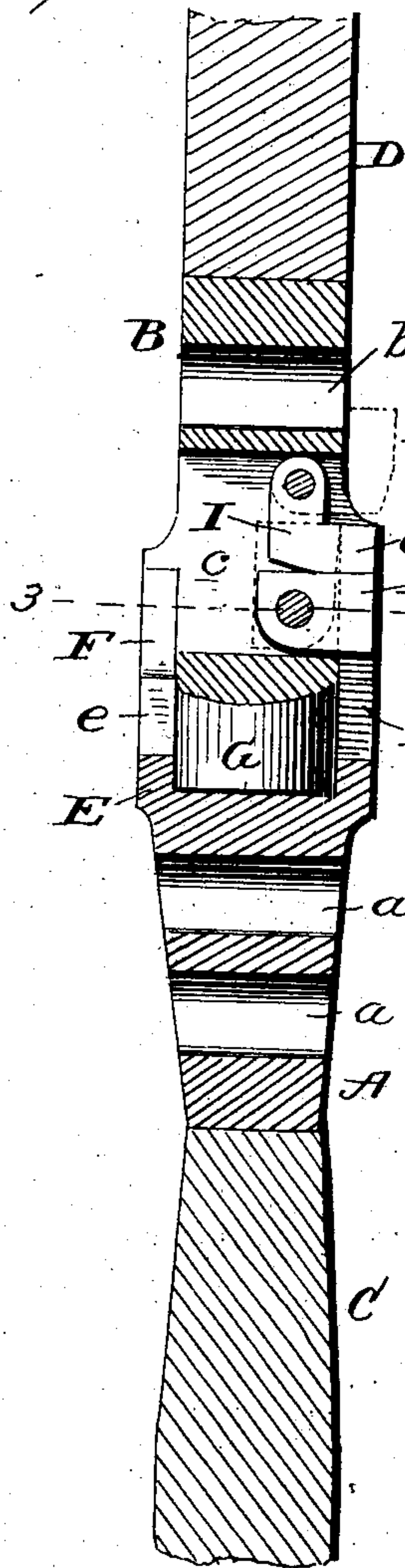
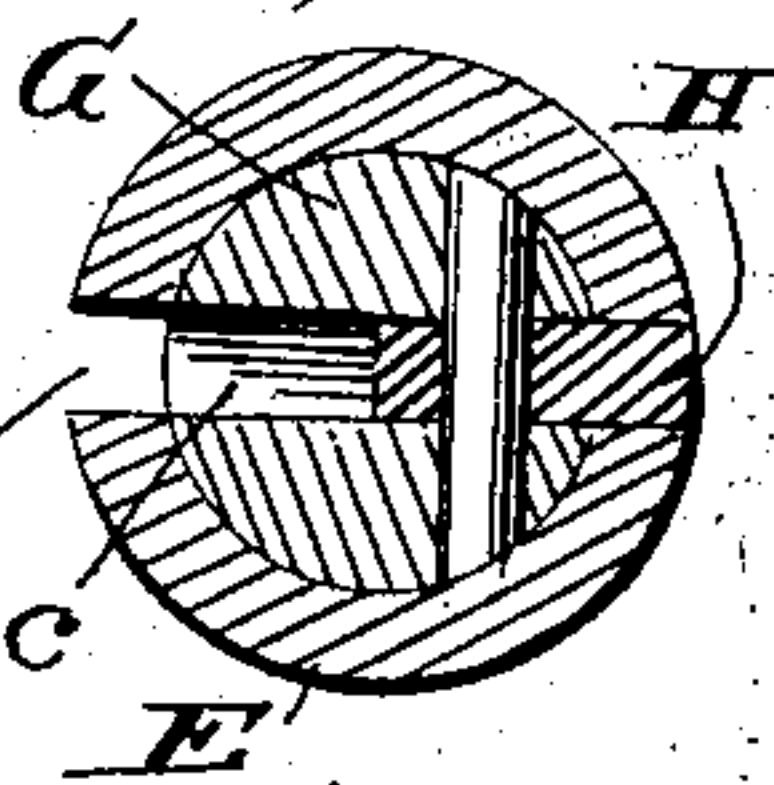


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

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ROD-COUPLING.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN McKENZIE LYNN, a citizen of the United States, residing at Eldorado, in the county of Schleicher and State of Texas, have invented certain new and useful Improvements in Rod-Couplings; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

The present invention has reference to that class of rod-couplings in which the rod is formed in sections, such as a plunger-rod for wells or other similar rods; and the object thereof is to provide a coupling which will be simple and effective in its purpose, easily operated in coupling and uncoupling the rod-sections, and when coupled a perfectly secure means is obtained to hold the rod-sections together.

The invention consists in a rod-coupling constructed substantially as shown in the drawings and hereinafter described and claimed.

Figure 1 of the drawings is a side elevation of a rod-coupling constructed in accordance with my invention; Fig. 2, a sectional elevation thereof; Fig. 3, a horizontal section taken on line 3 3 of Fig. 2.

In the accompanying drawings, A B represent the two coupling-sections, to which the rods C D are respectively connected in any suitable manner found best adapted to the purpose. The section A is constructed with a socket-head E, which is formed with L-shaped slots F and holes *a*, with which engage a suitable rod or other implement while coupling or uncoupling the rod-sections, and the hole *b* in the section B is to enable the rod-section to be drawn by means of block-and-tackle hooks. The L-shaped slots F are diametrically opposite each other, and the coupling-section B has a solid head G, adapted to enter the socket-head E of the coupling-section A and held therein by my improved latch device. This latch device consists of a pivoted lock H, working within a recess *c* in the coupling-section B, and is held in a locking position by means of a pivoted keeper I of L-shape form, the horizontal portion *d* of the keeper resting upon the upper side of the lock, and by elevating

the pivoted keeper, as indicated in dotted lines of Fig. 2 of the drawings, the lock may be swung back to an upright position, as shown in dotted lines, to enable the two sections to be uncoupled and separated.

In the position shown in full lines of Fig. 2 of the drawings the two sections A B are securely coupled, the keeper I holding the lock H in the vertical portion of the L-shaped slot F and preventing the coupling-section B from turning, and when it is desired to uncouple the sections the keeper is raised to release the lock and allow it to be brought to an unlocking position, as previously stated.

The solid head G of the coupling-section B has lugs or projections *e* to engage the horizontal portion of the L-shaped slots F, said lugs or projections being on both sides of the solid head, and when the latch device is released, as hereinbefore described, the socket-head F is turned around sufficiently to bring the lugs or projections on line with the vertical portions of the L-shaped slots, when the coupling-sections may be separated.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A rod-coupling consisting of two coupling-sections, one of said sections having a socket-head and the other section having a head adapted to engage therewith, and a latch device for holding the two sections together, comprising a pivoted lock and a pivoted L-shape keeper adapted to rest thereon to hold the lock in position, substantially as and for the purpose set forth.

2. A rod-coupling consisting of two coupling-sections, one of said sections having a socket-head with L-shaped slots, and the other section having a head adapted to fit the socket-head and lugs or projections thereon to engage the slots, and a latch device comprising a pivoted lock and a pivoted keeper to hold the lock in position, substantially as and for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN McKENZIE LYNN.

Witnesses:

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