

J. P. BOLIN.

Improvement in Cotton-Presses.

No. 116,144.

Patented June 20, 1871.

Front.

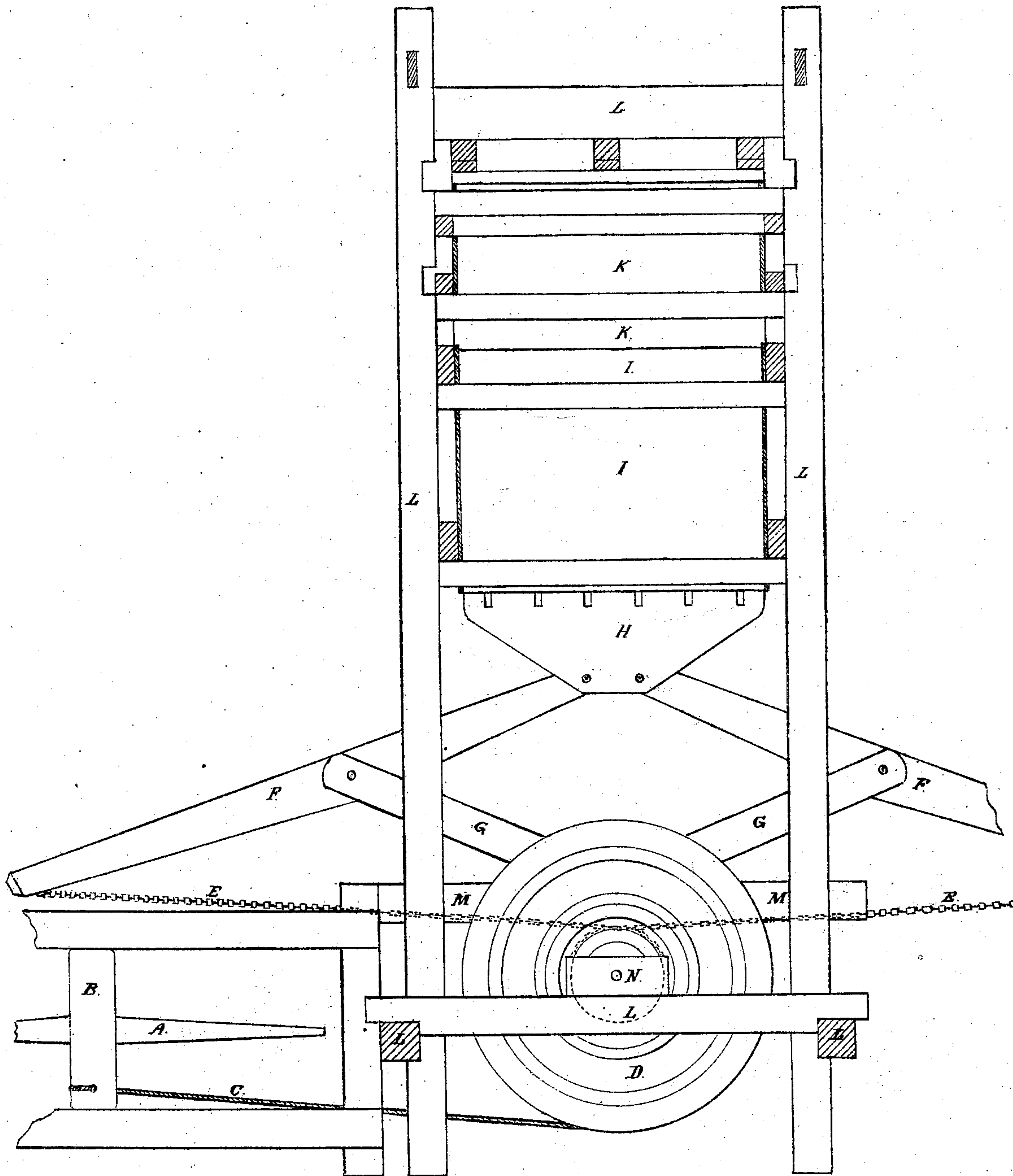


Fig. 1.

Inventor

Witness.
Ralph B. Thurston
A. C. Chin.

James P. Bolin

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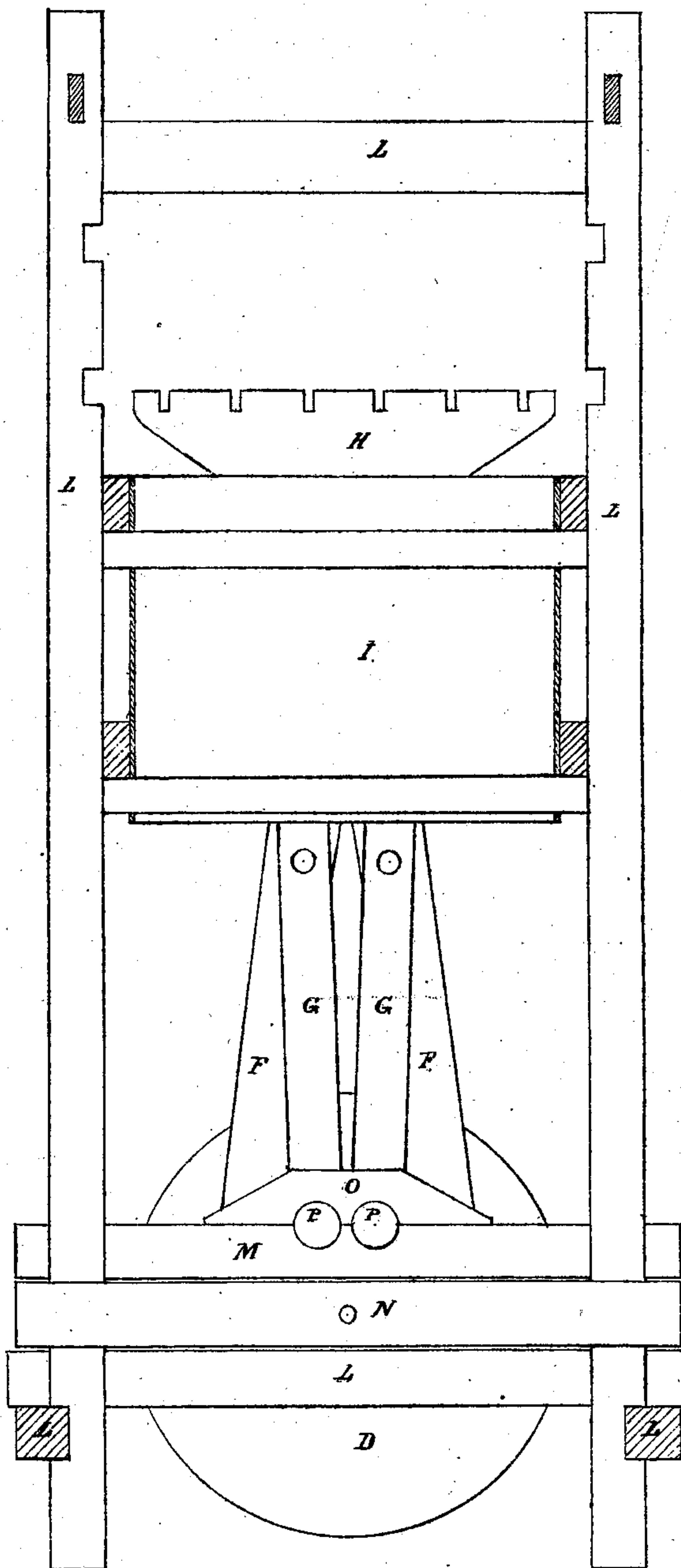


Fig. 2.

Witnesses:
Ralph W. Stewart
A. C. Phin.

Inventor
James P. Bolin

UNITED STATES PATENT OFFICE.

JAMES P. BOLIN, OF ORANGEBURG COUNTY, SOUTH CAROLINA.

IMPROVEMENT IN COTTON-PRESSES.

Specification forming part of Letters Patent No. 116,144, dated June 20, 1871.

To all whom it may concern:

Be it known that I, JAMES P. BOLIN, of Orangeburg county, State of South Carolina, have invented a Lever Cotton-Press, of which the following is a specification:

Nature and Objects of the Invention.

This invention consists of a substantially-constructed frame, in which is placed a box for the reception of cotton; underneath the box is a follow-block, raised by levers worked by a wheel and chain or rope, the wheel turned by another lever and rope, either by animal or water-power.

Description of the Accompanying Drawing.

Figure 1 is a front elevation of the press. Fig. 2 is a back elevation of the same with the upper part of the box taken out.

General Description.

L is the frame; I, the box; K, the upper part of the box, removable; N, pieces of the frame in which the gudgeons of the wheel-shaft

work; M, pieces of the frame in which the rollers P P, Fig. 2, work; O, a cap for holding the rollers down. G G are four braces tenoned in rollers P P, and bolted on either side to levers F F, which are bolted in follow-block H.

By turning the lever A the rope C is wound on the shaft B, turning wheel D, winding chain E E around the shaft in wheel D, drawing together the lower ends of levers F F, raising together the braces G G, at the same time raising the follow-block H in the box I, which compresses the cotton to the required extent.

Claim.

I claim as my invention—

The arrangement, in the cotton-press herein described, of the frame L, follower H, levers F F, braces G G, wheel D, chain or rope E E, rope C, and windlass B, when all these parts are constructed and operated as shown and described, for the purpose set forth.

Witnesses:

JAMES P. BOLIN.

RALPH E. B. HEWETSON,
A. C. PHIN.