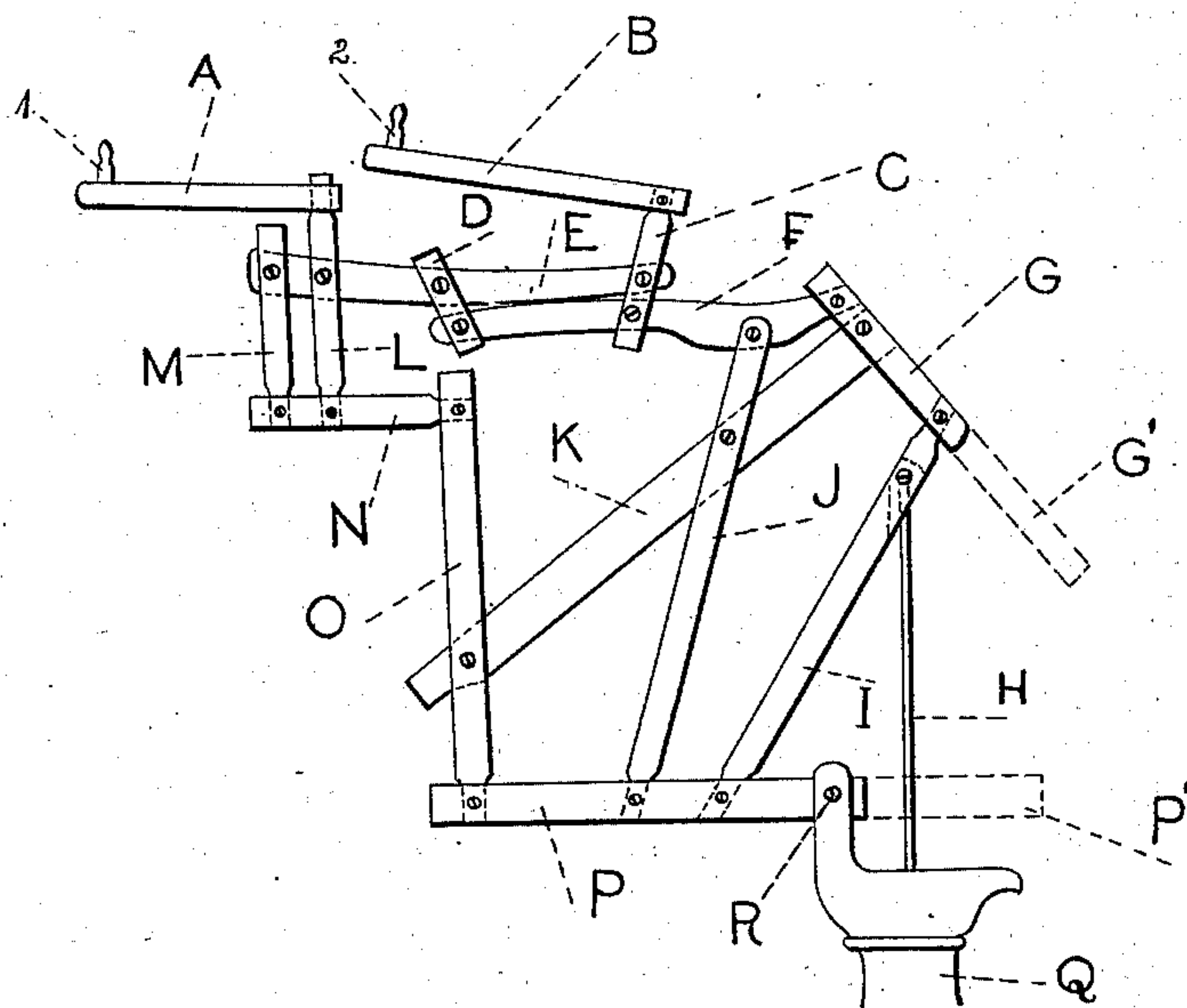


(No Model.)

C. SALISBURY.  
LEVER POWER.

No. 315,556.

Patented Apr. 14, 1885.



WITNESSES:

*William A. Chapman*  
*Adolph Morrison*

INVENTOR

*Colonel Salisbury*

BY

*Cyrus C. Perkins*  
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# UNITED STATES PATENT OFFICE.

COLONEL SALISBURY, OF WRIGHT, MICHIGAN.

## LEVER-POWER.

SPECIFICATION forming part of Letters Patent No. 315,556, dated April 14, 1885.

Application filed August 1, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, COLONEL SALISBURY, a citizen of the United States, residing at Wright, in the county of Ottawa and State of Michigan, have invented certain new and useful Improvements in Lever-Power and the Application Thereof; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to the letters and figures of reference marked thereon, which form a part of this specification.

The figure shows a plan view of my invention.

My invention relates to a device for increasing lever-power without a corresponding lengthening of the lever, my device consisting of a system of compound levers, described as follows:

To the end of the main or principal lever P, having the general fulcrum R, I attach the levers O J I, and at the end of the lever O, I attach the lever N, to which I again in like manner add the levers M L, said lever L having the arm A with the handle 1 at its extremity. Attached near the top of said levers M and L is the lever E. Now, returning to the levers J and I, I attach at the end of I the lever G,

having the lever K near its end and joined to J and O, as shown. Likewise passing from G and joined to J is the lever F, attached to C. The lever C has the arm B and the handle 2. The levers K, F, and E are combining levers, by which the powers of the several levers shown are united.

G' and P' are possible extensions of G and P, for utilizing the application of the lever-power, or points for attaching the resisting force.

H is the piston or plunger, shown as operated by said lever-power.

The combination of levers in the manner shown increases the power, while shortening the space between the general or principal fulcrum and the point of the application of power.

What I claim, and desire to secure by Letters Patent of the United States, is—

The combination of the levers P, O, J, I, K, L, N, M, E, F, D, C, and G with the arms A B and the general fulcrum R, as shown and described, and for the purpose set forth.

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

COLONEL SALISBURY.

Witnesses:

ADOLPH B. MASON,

WILLIAM A. CHAPMAN.