

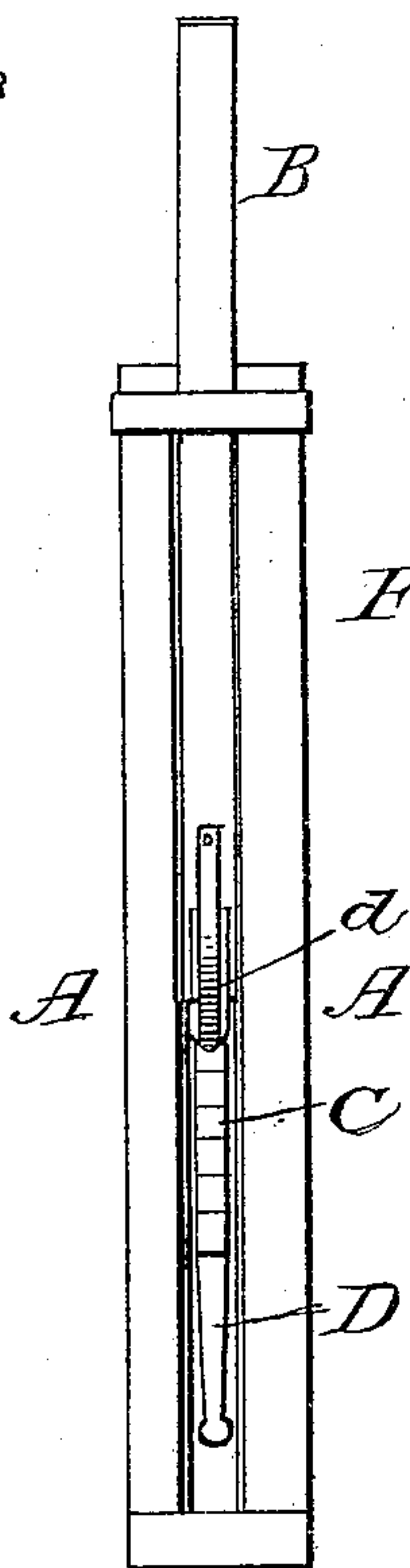
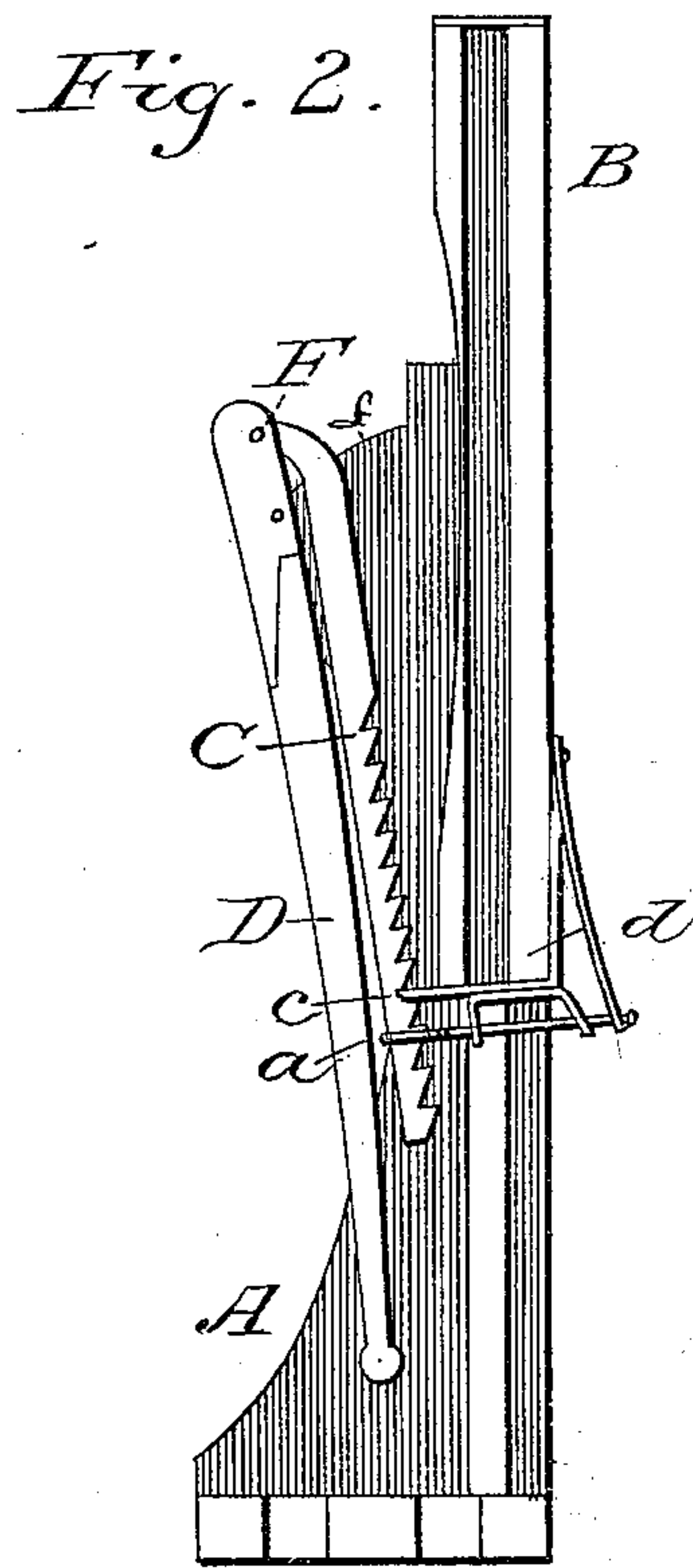
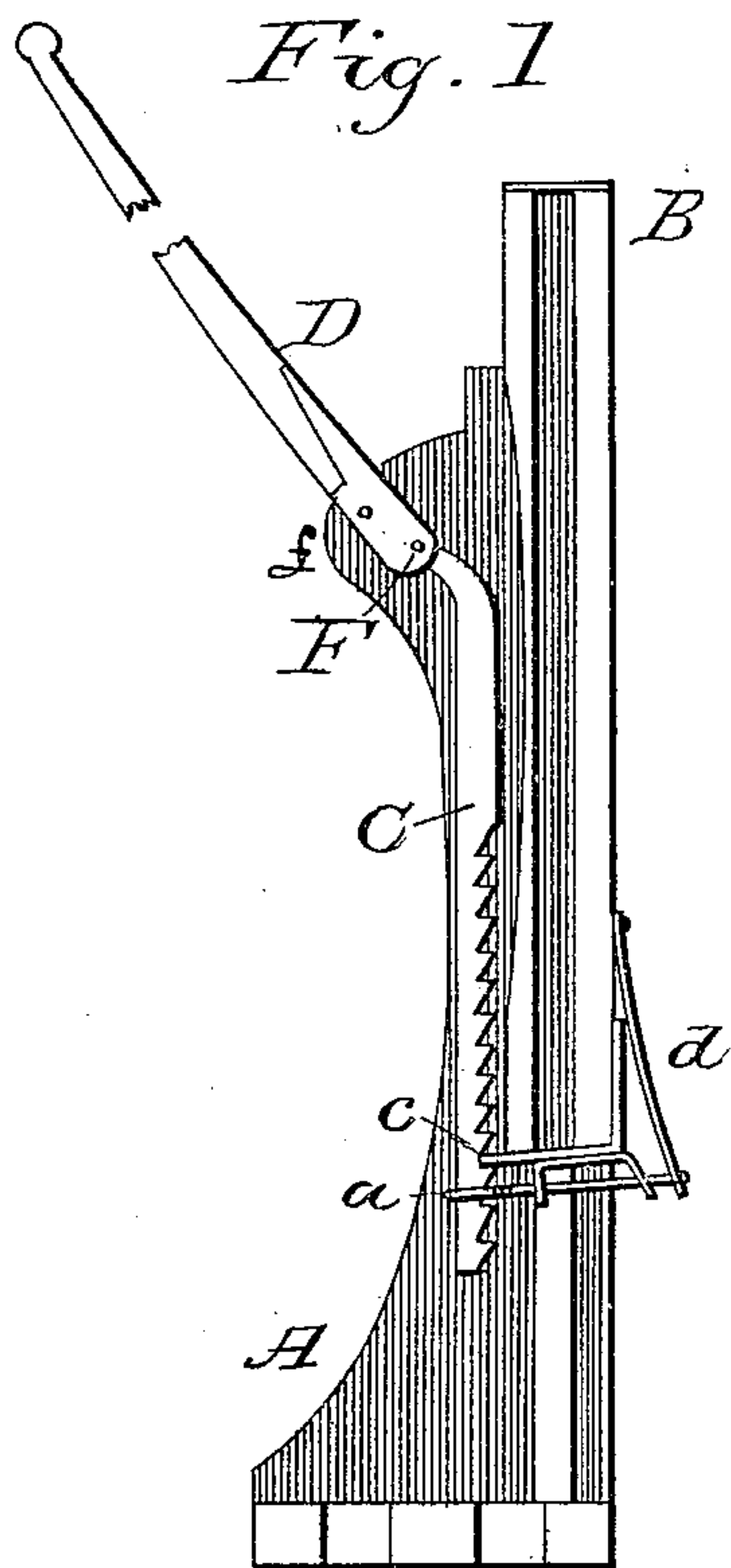
(Model.)

W. S. BURGIN.

LIFTING JACK.

No. 262,204.

Patented Aug. 8, 1882.



Witnesses:

L. H. Shedd
M. M. Cutler

Inventor:

Walter S. Burgin
Per. J. J. Deavitt

UNITED STATES PATENT OFFICE.

WALTER S. BURGIN, OF WASHINGTON, VERMONT.

LIFTING-JACK.

SPECIFICATION forming part of Letters Patent No. 262,204, dated August 8, 1882.

Application filed August 27, 1881. (Model.)

To all whom it may concern:

Be it known that I, WALTER S. BURGIN, of Washington, in the county of Orange and State of Vermont, have invented an Improved Wagon or Lifting Jack, of which the following is a specification.

Figures 1 and 2 are sectional elevations of my improved lifting-jack, showing the slide respectively raised and lowered. Fig. 3 is a rear view of the jack in the same position as in Fig. 2.

Similar letters of reference indicate corresponding parts in all of the figures.

This invention relates to a new arrangement of parts constituting a lifting mechanism for a wagon-jack; and it consists in the combination of an operating-handle with an adjustable connecting-bar and a grooved or tenoned slide with a ratchet-foot, as hereinafter more fully described.

A A in the drawings, represent two standards, firmly attached to the base of the jack, with a band around the upper ends.

B represents the lifting-slide, that is either grooved or tenoned, and moves up and down between the standards A, which are also either tenoned or grooved.

C represents an adjustable connecting bar or rod, and is attached at the upper end to the short arm of a lever-handle, D, which is

pivoted to ears *ff*, projecting from standards A A. The lower end passes into link *a*, which is attached to the lower end of slide B. The inner edge of bar C is ratched or notched. At the lower end of slide B is pawl *c*, which fits into the ratchets on bar C, and they are locked and held together by spring *d* on the front of slide B, as shown in the drawings. Slide B is adjusted to articles of different heights, and is held locked at any desired point by the teeth on the edge of bar C and pawl *c* on the foot of slide B being pressed firmly together by spring *d* and link *a*. Pressure upon spring *d* unlocks or liberates slide B for adjustment.

To operate my invention, swing the handle D up, whereby the slide B will be let down. Then adjust its height to reach the article desired to be raised. Then bring the handle down, thereby elevating slide B, which raises the object desired to be lifted.

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

The combination of standards A A, slide B, with the adjustable bar C, link *a*, pawl *c*, spring *d*, and handle D, all arranged to constitute a jack, as specified.

WALTER S. BURGIN.

Witnesses:

FRED MCALLISTER,
ICHABOD E. WORTHLEY.