

No. 845,464.

PATENTED FEB. 26, 1907.

O. J. HOTALING.

LIFTING JACK AND CRADLE FOR BATH TUBS AND THE LIKE.

APPLICATION FILED JULY 13, 1906.

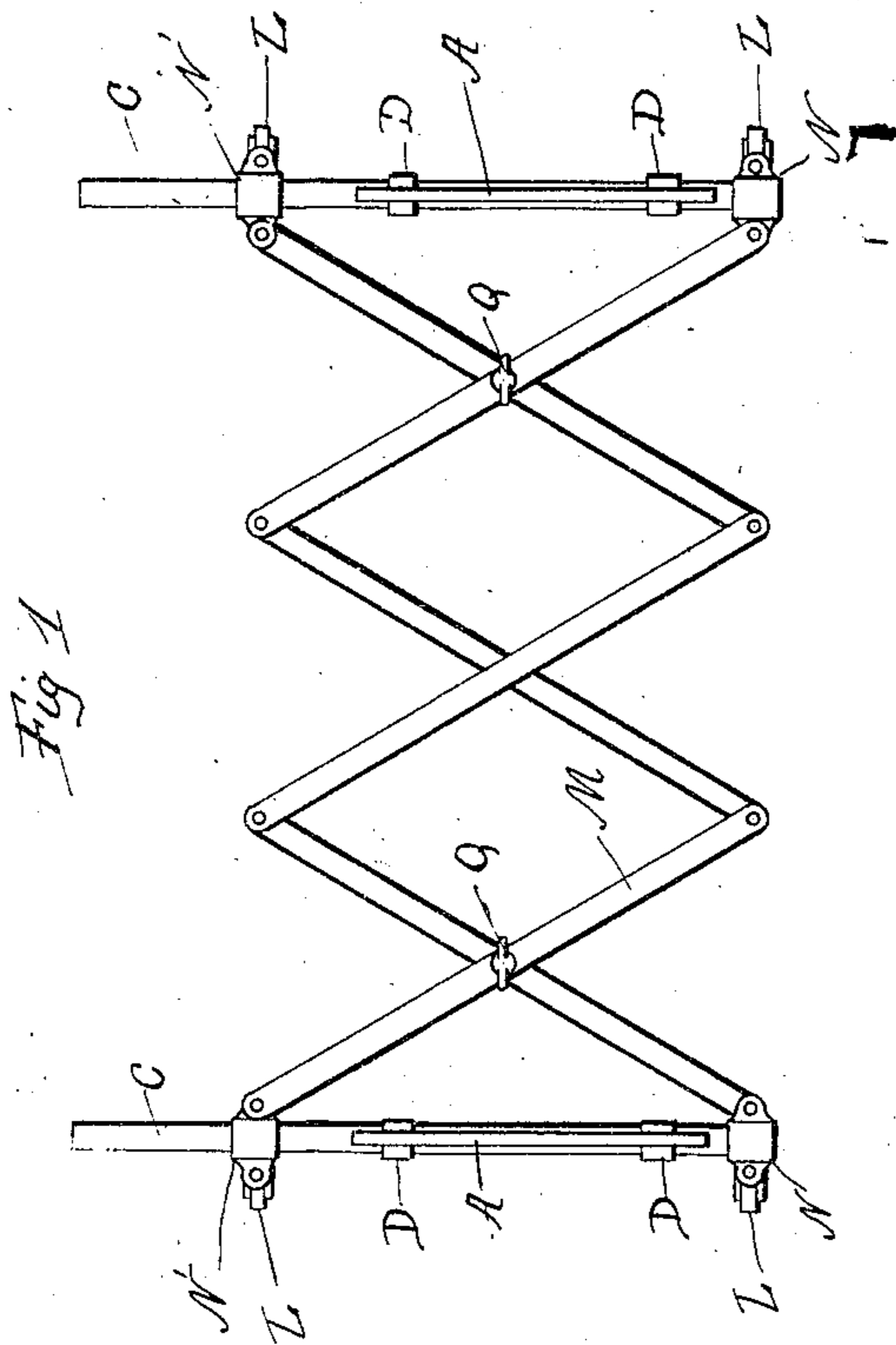


Fig. 1

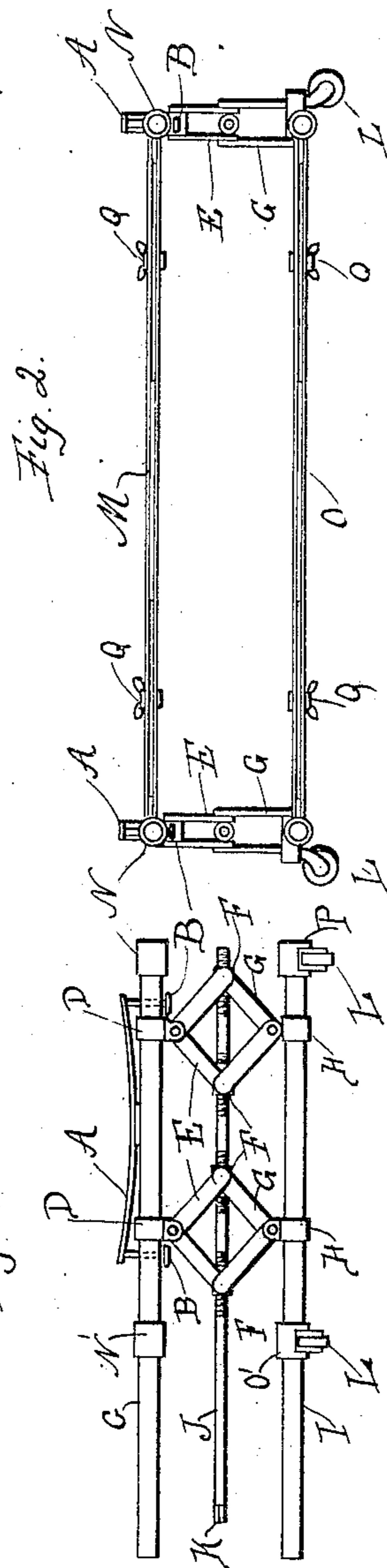
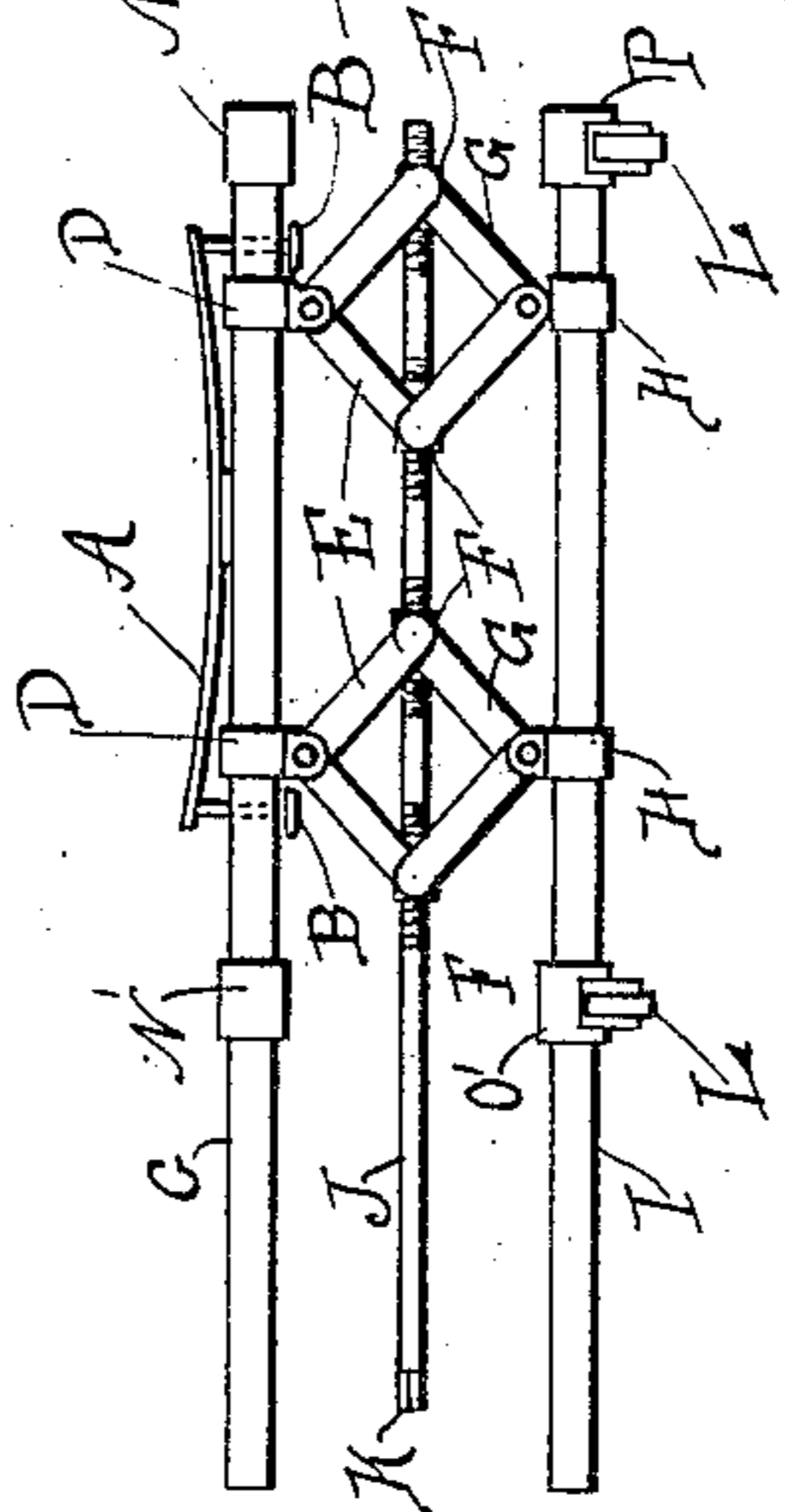


Fig. 2.

Fig. 3



WITNESSES:

Francis A. Peacock
S. Williamson

INVENTOR

Omar J. Hotaling

BY

W. Preston Williamson ATTORNEY

UNITED STATES PATENT OFFICE.

OMAR J. HOTALING, OF JOHNSTOWN, NEW YORK.

LIFTING-JACK AND CRADLE FOR BATH-TUBS AND THE LIKE.

No. 845,464.

Specification of Letters Patent.

Patented Feb. 26, 1907.

Application filed July 13, 1906. Serial No. 328,006.

To all whom it may concern:

Be it known that I, OMAR J. HOTALING, a citizen of the United States, residing at Johnstown, county of Fulton, and State of New York, have invented a certain new and useful Improvement in Lifting-Jacks and Cradles for Bath-Tubs and the Like, of which the following is a specification.

My invention relates to a new and useful improvement in lifting-jacks and cradles for bath-tubs and the like, and has for its object to provide an exceedingly simple and effective device of this description which may be used by an operator for setting and unsetting a bath-tub or other heavy tank or like article and which will so facilitate this class of work as to permit it to be done by a single operator instead of requiring two or more operators, as has heretofore been the case.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction in detail, referring by letter to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is a plan view of my improvement; Fig. 2, a side elevation; Fig. 3, an end view.

In carrying out my invention as here embodied, A represents the two supporting-strips of the cradle, which are adapted to fit beneath a bath-tub or the like and support the same when forced upward, and these strips are made adjustable by means of the set-screws B passing through the bars C and bearing upon the under side of the ends of the strips.

Secured to the bars C are the collars D, to which are pivoted the upper ends of the toggle-levers E, their lower ends being pivoted to the collars F. A similar pair of toggle-levers G are also pivoted to the collars F, their lower ends being pivoted to the collars H, secured upon the bars I. It is to be noted that there are four sets of these toggle-levers—two at each end of the device—and each of the rods J is threaded through two sets of the collars F and provided with a suitable hand

knob or wrench K, by means of which the rod may be revolved, and thus screw each pair of collars F toward each other or away from each other, as the case may be, for the purpose of raising or lowering the bars A, as will be readily understood.

L are casters, here shown as four in number, adapted to support the device in order that when it is in use the bath-tub or other objects supported by the cradle may be readily moved about the room without undue effort on the part of the operator.

M represents a set of lazy-tongs, two of the ends of the levers thereof being pivoted to the collars N, secured upon the upper bar C, while the free ends of the other two levers are pivoted to the sliding collars N', which are fitted to slide upon said bars. O is a corresponding set of lazy-tongs, two of their outer ends being pivoted to the caster-collars P, while their other free ends are pivoted to the sliding caster-collars O', thus permitting the adjustment of the cradles to and from each other so as to accommodate the device to different lengths of bath-tubs and also to provide for the folding of the device into a comparatively small compass for easy transportation and storage.

Q are thumb-screws for holding the lazy-tongs in any adjustment.

In practice the device is fitted beneath the bath-tub and adjusted to the proper length when the rods J are revolved in the proper direction to elevate the supporting-strips against the bottom of the tub and still further revolved to lift the tub from the floor, after which it is obvious that the tub may be easily moved in any direction upon the casters and when in proper position for setting it may be gradually lowered so that the drain and other pipes match up, and this may all be accomplished by a single operator, since the laborious work of lifting and moving the tub is overcome by the use of my improved jack and cradle.

Having thus fully described my invention, what I claim as new and useful is—

1. As a new article of manufacture, a combined jack and cradle consisting of two supporting-strips, means for elevating said strips and two series of lazy-tongs connecting the two end sections, as specified.

2. The herein-described combination, of two supporting-strips, two sets of toggle-le-

vers connected with each of said strips, a threaded rod adapted to operate each set of toggle-levers, four casters for supporting the device and two series of lazy-tongs connecting the end sections, as specified.

5 3. In combination, two lifting-jacks consisting of toggle-levers pivoted to movable collars, rods for moving said collars, two casters supporting each jack, two series of lazy-
10 tongs connecting the jacks together and

means for holding said lazy-tongs in any adjustment, as and for the purpose set forth.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

OMAR J. HOTALING.

Witnesses:

HARWOOD DUDLEY,
HENRY W. THORNE.