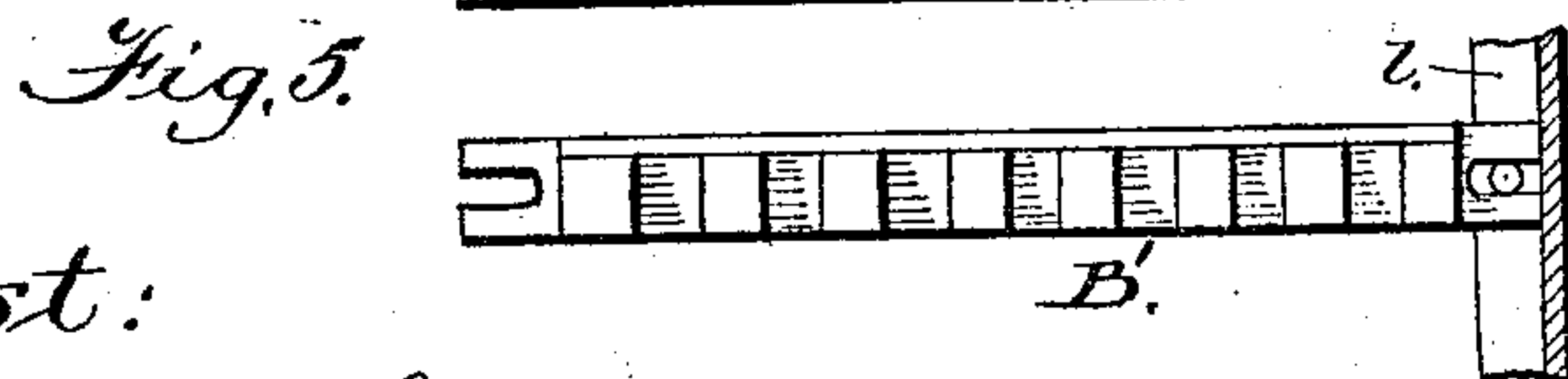
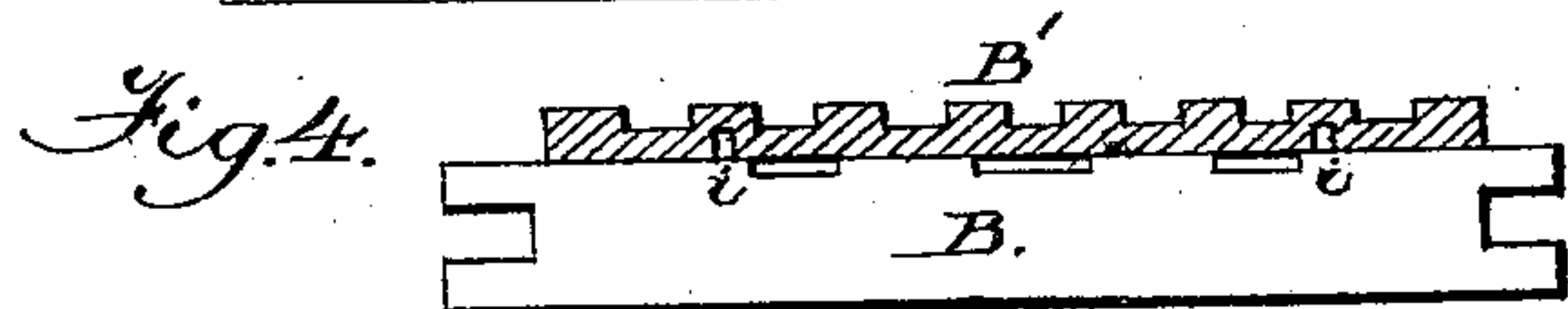
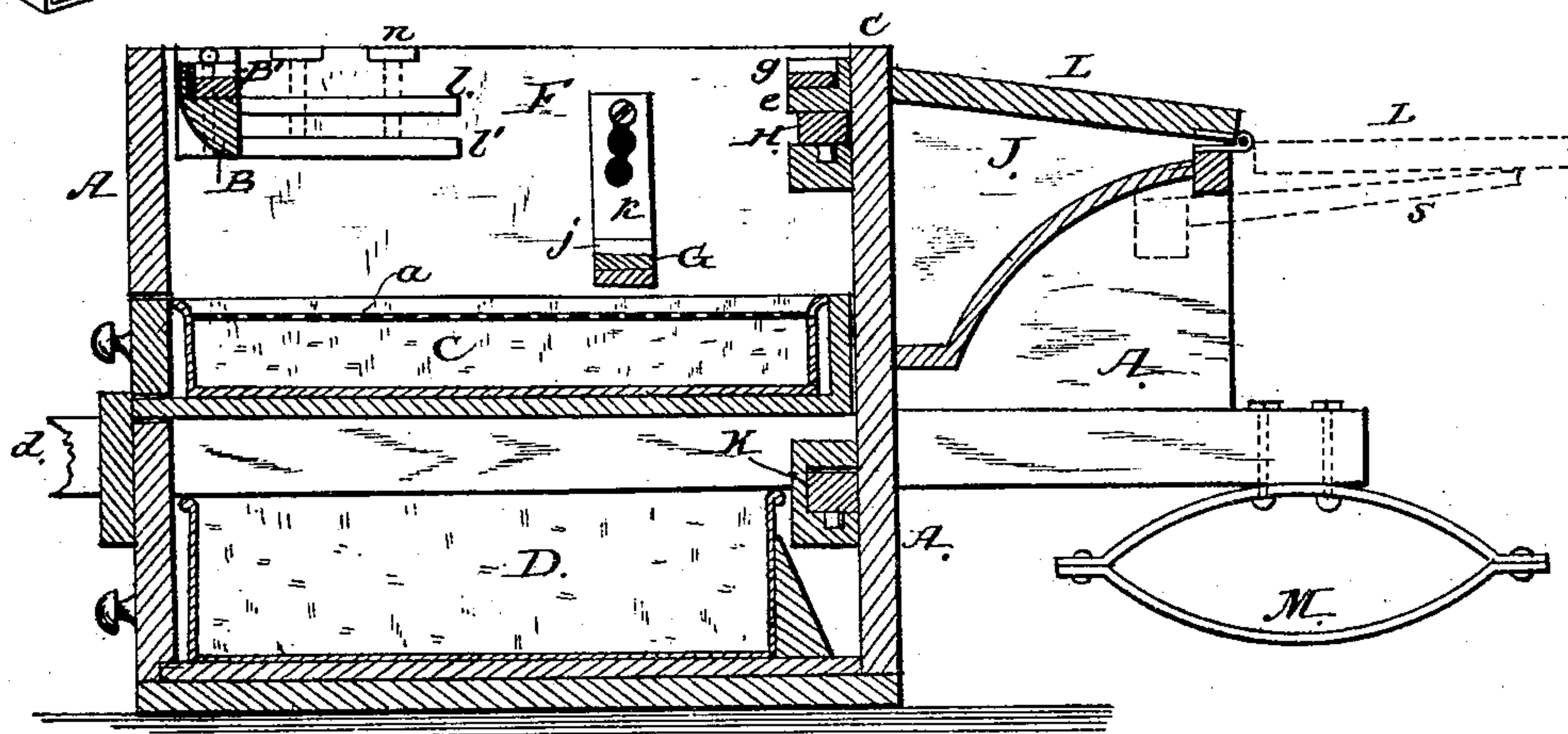
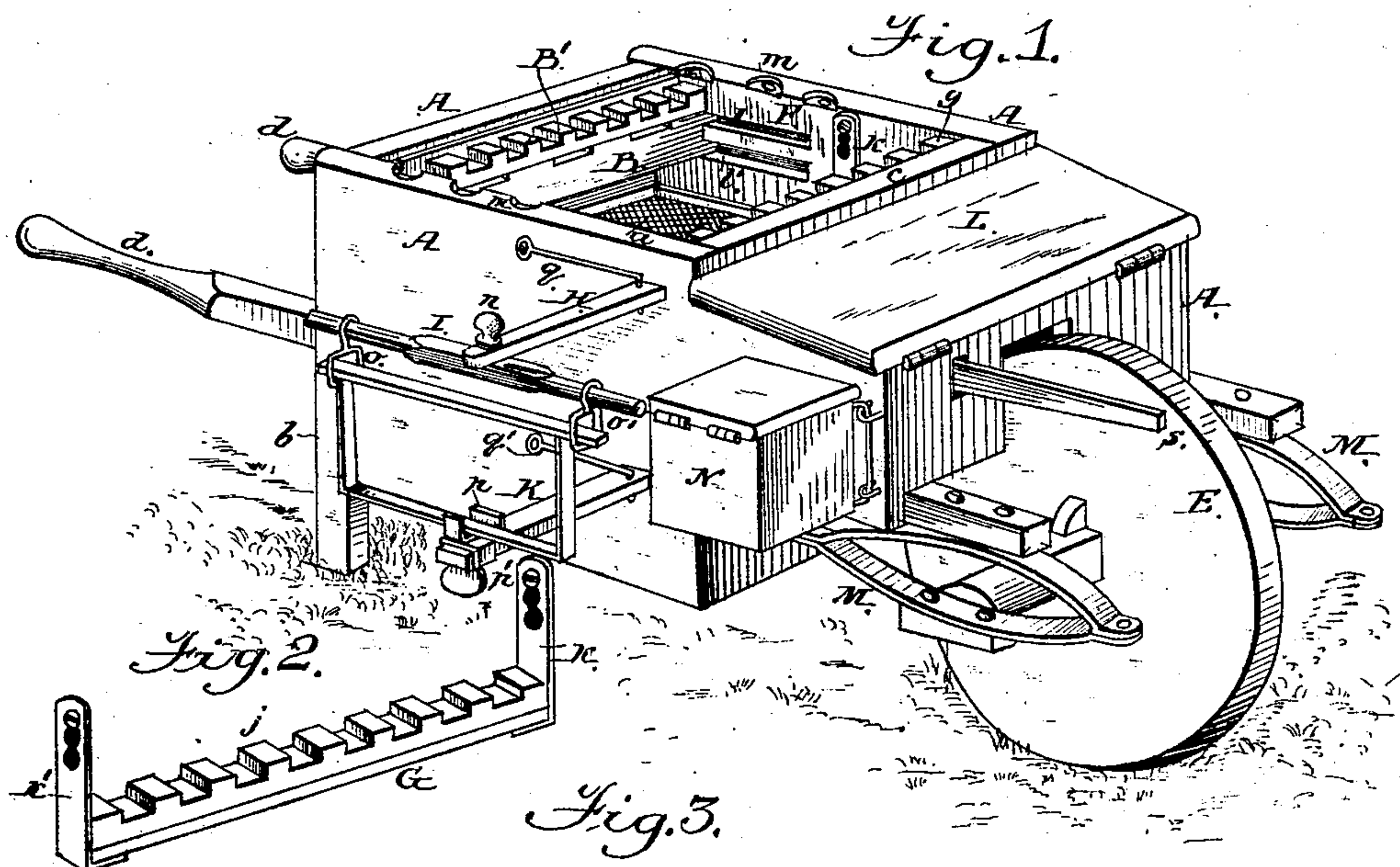


(Model.)

J. M. DAVIS.
Honey Comb Carrier.

No. 243,522.

Patented June 28, 1881.



Attest:
J. Walter Fowler,
V. R. D. Mayne

Inventor,
John M. Davis
By D. W. Cassie
his attorney

UNITED STATES PATENT OFFICE.

JOHN M. DAVIS, OF SPRING HILL, TENNESSEE.

HONEY-COMB CARRIER.

SPECIFICATION forming part of Letters Patent No. 243,522, dated June 28, 1881.

Application filed December 14, 1880. (Model.)

To all whom it may concern:

Be it known that I, JOHN M. DAVIS, a citizen of the United States, residing at Spring Hill, in the county of Maury and State of Tennessee, have invented certain new and useful Improvements in a Combined Honey-Comb Carrier, Revolving Comb-Hanger, Tool-Chest, and Writing-Desk; and I do hereby 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 drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in a device combining a honey-comb carrier, revolving honey-comb holder, a tool-chest, and writing-desk; and it consists in a hand-barrow eased by springs and surmounted by a honey-comb safe, provided internally with adjustable racks for receiving, holding, and keeping separate the frames of comb while being transported from the apiary to the honey-extractor; an adjustable revolving holder-frame in the side of the carriage, into which each frame of comb may be adjusted for inspection; a dripping-drawer under the honey-comb safe, covered with a strainer, and a second or under drawer, into which scraps of comb may be placed; a tool-chest forward of the comb-safe, over the wheel, the cover to which, when opened, can be used as a writing-desk for taking notes or keeping accounts, also provided near the front with a wash-basin, all of which will more fully appear hereinafter.

Similar letters of reference indicate corresponding parts.

Figure 1 is a perspective view of the complete device, showing the rack-frame for holding the comb and keeping it separate, the desk and adjustable revolving side frame, and barrow handles, springs, and wheel. Fig. 2 is the corrugated adjustable swinging support for the comb-frames. Fig. 3 is a vertical section of my device, showing the corrugated swinging support at the bottom of the safe, the adjustable corrugated supports at the top, the dripping-drawer, the refuse-comb drawer below, the tool-chest forward, and the desk and rest.

Fig. 4 is an adjustable corrugated frame-holder. Fig. 5 is a second corrugated comb-frame rest and holder.

A is the body of a barrow for transporting honey in comb, built sufficiently deep to suspend the comb within the safe and leave room beneath for two drawers, C and D, respectively. The general body A is built on a substantial frame, extending out over the wheel E forward, and is provided with lifting-handles *d d*, and is maintained in a horizontal position on springs and wheel E forward and legs *b b* in the rear, and is divided into two general compartments by a vertical partition, *c*. The compartment F, in rear of the partition, I designate the "honey-comb safe," while the portion J, forward of the partition, is used as a tool-chest.

Secured to the partition *c*, as well as by its ends to the sides near the top and within the safe F, is a pillow-block, *e*, out of which certain pegs *i* protrude.

Adjusted on the pillow-block *e*, and held in place by the pegs *i*, is a corrugated movable honey-comb-frame support, *g*, on which the comb-frames may be arranged and carried without slipping or the several frames of honey coming in contact with each other.

Suspended on suitable lugs within the safe F, and less than half-way to the rear, is a swinging adjustable support, G, for the lower edge of the honey-comb frames. The support G has two pegs, which hold in place a corrugated adjustable rest, *j*, which catches the lower edge of the comb-frame and prevents it from slipping or swinging against adjacent frames or the sides of the safe. The suspended support G is provided with and secured by two arms, *k k'*, furnished each with a series of holes, whereby it may be adjusted or adapted to the depth of the comb-frames.

Within and on each side of the safe F, extending frontward from the rear, are grooves *l l'*, which receive and serve as ways for tongues on a movable pillow-block, B, corresponding to pillow-block *e*. Pillow-block B is also provided with pegs *i*, for securing in place a third honey-comb-frame rest, B', also corrugated on top, to prevent the comb-frame from sliding laterally, and can be moved forward or backward in the grooves *l l'*, as may be necessary

to adapt the size of the compartment to the length of the comb-frame, and secured in place by keys *m*.

When the swinging support *G* is adjusted to the depth and the movable pillow-block *B* to the length of the comb-frame, so that the projecting ends of one side of the frame will rest on the corrugated supports *g* and *B'*, respectively, the frames of comb are placed in position one by one, permitting the lower edge thereof to rest on the corrugated swinging support *j* below and the ends of the frame on the corrugated supports *g* and *B'* above, and, if it should be desirable to do so, the entire load may be lifted out at once by lifting out the supports or rests *g* and *B'*.

Under the safe *F* and below the swinging support *G* is a close, metal-lined shallow drawer, *C*, covered with a close wire strainer, *a*, for catching the drippings from the comb, which is strained through the wire strainer, leaving the particles of comb on the wire. Below this drawer again is a second or deeper drawer, *D*, also metal-lined, into which broken fragments and refuse comb are put. The two drawers *C* and *D* slide out between the handles *d* *d'* for convenience.

H is a sliding bar adjusted in ways in the pillow-block *e*, having a catch on the inner end to prevent its being drawn out too far, and a swivel and thumb-screw, *n*, on the outer end, by means of which a cross-bar, *I*, is suspended therefrom. On the ends of cross-bar *I* are arranged pendent loops *o* *o'*, into which the ends of the honey-comb frame may be inserted.

K is a second sliding bar, also adjusted in ways within the safe *F*. This bar has a necessary stop within the safe, and is arranged immediately under and sufficiently far below the bar *H* to admit a comb-frame suspended from cross-bar *I* to rest in an adjustable swivel, *p*, arranged on the outer end of said bar *K*. Bars *H* and *K* have holes at regular intervals for the insertion of hooks *q* *q'*, secured to the side of the carriage or barrow body *A* to prevent them from being displaced. A frame of comb, when resting on the swivel *p*, which may be lowered or raised by the thumb-screw *p'*, the upper ends inserted in the loops *o* *o'*, can be turned about at pleasure for inspection or for trimming, &c.

The tool-chest *J* may be arranged internally to suit the convenience of the owner.

Protruding forward and out of the tool-chest *J* is a rest, *s*, which, when fully drawn

out, tends slightly downward, so that the tool-chest cover *L*, when open and resting on the rest *s*, will form a convenient desk for writing purposes in keeping accounts, taking notes, &c.

The springs should be sufficiently pliable to ease the barrow and protect the comb from injury.

The wheel *E* may be of any suitable construction.

To complete the device a wash-basin is arranged in a basin-holder, *N*, secured on hinges to the barrow-body *A*, and provided with a cover secured by a hasp.

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

1. A hand-barrow for transporting honey in comb, provided with comb-safe *F*, having a stationary pillow-block, *e*, an adjustable pillow-block, *B*, and a pendent support, *G*, having arms *k* *k'*, each surmounted by adjustable corrugated comb-frame rests *g*, *B'*, and *j*, respectively, in combination with dripping-drawer *C*, having a strainer, *a*, and with ways *l* *l'* and keys *m* *m'*, substantially as shown and described.

2. A hand-barrow for transporting honey in comb, provided with a general body, *A*, divided into a comb-safe, *F*, dripping-drawer *C*, having a strainer-cover, *a*, a refuse-comb drawer, *D*, a tool-chest, *J*, having a cover, *L*, and an adjustable cover-rest, *s*, in combination with wash-basin holder *N*, secured to the body *A* by hinges, so that it may be swung forward out of the way when trimming honey-comb at the side of the barrow and to the side when moving the barrow, substantially as shown and described.

3. A hand-barrow for transporting honey in comb, provided with sliding bars *H* and *K*, one above the other, and both entering the carriage-body *A* from the side, the bar *H*, having a swinging cross-bar, *I*, secured to its outer end by a swivel and thumb-screw, *n*, the bar *I*, provided with two pendent sliding loops, *o* *o'*, the lower bar, *K*, provided at the outer end with a swivel-rest, *p*, secured by a thumb-screw, *n'*, the whole arranged for holding frames of honey-comb, substantially as shown and described.

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

JOHN M. DAVIS.

Witnesses:

M. L. NELLUMS,

GEO. E. WILLIAMS.