

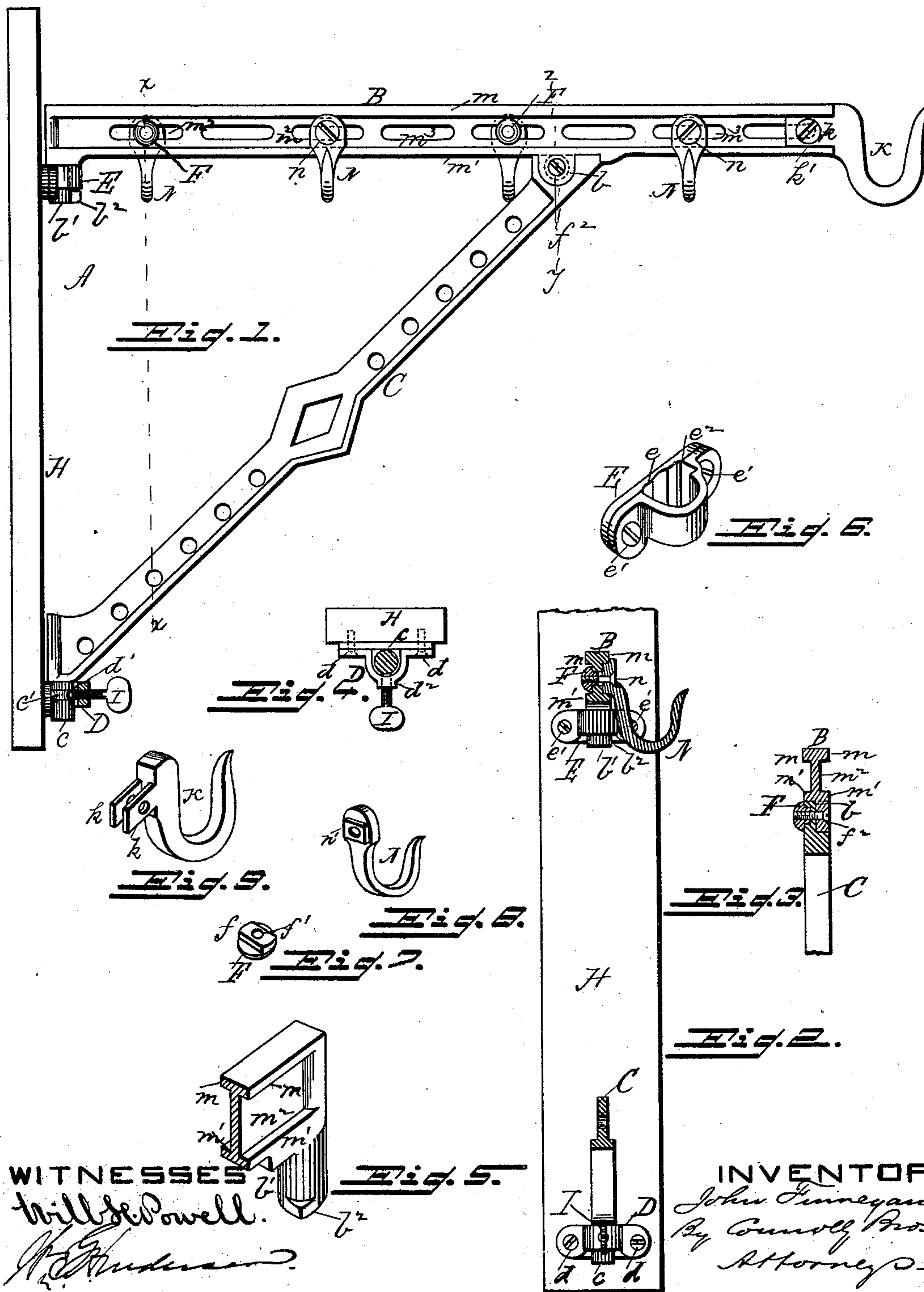
(No Model.)

J. FINNEGAN.

MEAT HOOK SUPPORT OR BRACKET.

No. 361,154.

Patented Apr. 12, 1887.



UNITED STATES PATENT OFFICE.

JOHN FINNEGAN, OF PHILADELPHIA, PENNSYLVANIA.

MEAT-HOOK SUPPORT OR BRACKET.

SPECIFICATION forming part of Letters Patent No. 361,154, dated April 12, 1887.

Application filed March 1, 1886. Serial No. 193,632. (No model.)

To all whom it may concern:

Be it known that I, JOHN FINNEGAN, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Meat-Hook Supports or Brackets; and I do hereby declare the following to be a full, clear, and exact description of the invention, reference being had to the accompanying drawings, which form part of this specification, in which—

Figure 1 is a side elevation of my improved bracket or support with adjustable hooks. Fig. 2 is a vertical section of same on line *xx*, Fig. 3 is a vertical section of same on line *yy*, Fig. 4 is an inverted plan of brace, box or bearing, and pintle. Fig. 5 is an enlarged perspective detail of inner end of arm and pintle. Fig. 6 is an enlarged perspective of box for arm and pintle. Fig. 7 is a perspective of nut, showing inner side. Fig. 8 is a perspective of hook, taken from rear side. Fig. 9 is a perspective of hook removed from end of arm.

My invention has for its object to provide a detachable and separable meat-hook bracket or support.

A further object of my invention is to provide a bracket with detachable and adjustable hooks.

My invention consists in the peculiar construction and combinations of parts, hereinafter fully described and specifically claimed.

Referring to the accompanying drawings, A designates the bracket, consisting, essentially, of the horizontal arm B, the brace C, and the boxes or bearings D E, by which the bracket is fastened to a stall-bar or other fixture. A depending lug, *b*, is cast or formed on the under side of arm B, and the upper end of brace C is formed with a depression or recess of corresponding shape to receive said lug. On the opposite side of the brace another recess is formed and receives a straight-edged shoulder or projection, *f*, on a nut, F, the latter having a threaded opening, *f'*, which receives the end of a fastening screw or bolt, *f''*, passed through from the opposite side, as shown. By means of this construction the arm and its brace are held firmly at their junction, but may be separated or disjointed when desired or necessary.

The lower end of the brace is formed with a pintle, *c*, which passes into a box, D, fastened to the bar or fixture H by screws *d d*. The box D may be in two pieces, as shown, or may be made in one piece. It has a vertical opening, *d'*, for the pintle *c*, and a lateral opening, *d''*, for a fastening-screw, I, whose inner end enters an annular groove, *c'*, in the pintle *c*, and so prevents the brace or the bracket, of which it forms a part, from being lifted out of position while the screw is in place.

The arm B at its outer extremity terminates in a detachable hook, K, having two ears, *k k*, which fit in the grooved sides of the arm and are fastened by a bolt and nut, *k'*, and its inner end is formed or provided with a pintle, *b'*, which enters a vertical opening, *e*, in the box E, the latter being fastened to bar or fixture H by screws *e' e'*. The box E may be in two separate pieces, as shown, or may be cast or formed in one piece. The pintle *b'* has a lateral projection or lug, *b''*, and the opening *e* in the box E is formed with an offset or groove, *e''*, through which this lug passes when the pintle is being inserted. After this is done, and when the projection *b''* gets below the box E, the arm B is turned around or swung horizontally until it stands at right angles to the bar or fixture H, which carries the lug *b''* away from or out of alignment with the groove *e''*. The screw I, which before was loose, is now turned in tight, and the bracket is thus secured against vertical movement out of its boxes both at top and bottom.

The bar B is channeled or grooved horizontally from end to end, having ribs or beads *m m'* and a web, *m''*, between said ribs. The web *m''* has a number of elongated slots, *m'''*, through which pass screws *n n*, that fasten hooks N N in position on said bar. These hooks on their inner or rear sides have straight-edged shoulders *n' n'*, that fit between the ribs *m m'* on one side of the arm B, there being nuts F with the straight-edge shoulders *f* fitted between the ribs *m m'* on the opposite side of the bars. The shoulders *f* of the hook-nuts F enter the slots *m'''*, and so prevent said nuts from turning. The hooks F may be all on one side of the bar B, but are preferably arranged in alternating order on opposite sides, as shown.

To adjust the hooks lengthwise of the bracket, their screws are turned loose, then slid along in the bar-slots, and then tightened.

What I claim as my invention is—

5 1. In a meat-hook support or bracket, the combination, with bar or fixture H and the horizontal hook-sustaining arm B, pivotally attached to the upper end of the fixture, and formed with the vertical lug *b*, depending from
10 its lower edge and located at one side thereof, of the oblique brace C, pivotally attached to the lower end of the fixture, and formed with a lateral recess on its upper end to receive the lug *b*, said arm and brace being secured to-
15 gether by a detachable screw, *f*², and nut F, substantially as shown and described.

2. The combination, with the bracket-arm B, having ribs or beads *m m'* and web *m*², of the hook K, having ears *k k*, and bolt and nut
20 *k'*, substantially as shown and described.

3. The combination, with the bracket-arm B, having slots *m*³ formed in the vertical web of said arm, of adjustable hooks N, secured to said arm by horizontal bolts or screws *n* passing through said slots, substantially as
25 shown and described.

4. The combination, with the bracket-arm B, having ribs or beads *m m'*, web *m*², and slots *m*³, of hooks N, having shoulders *n' n'*, screws *n*, and nuts F, with shoulder *f*, substan-
30 tially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of February, 1886.

JOHN FINNEGAN.

Witnesses:

M. D. CONNOLLY,

R. DALE SPARHAWK.