

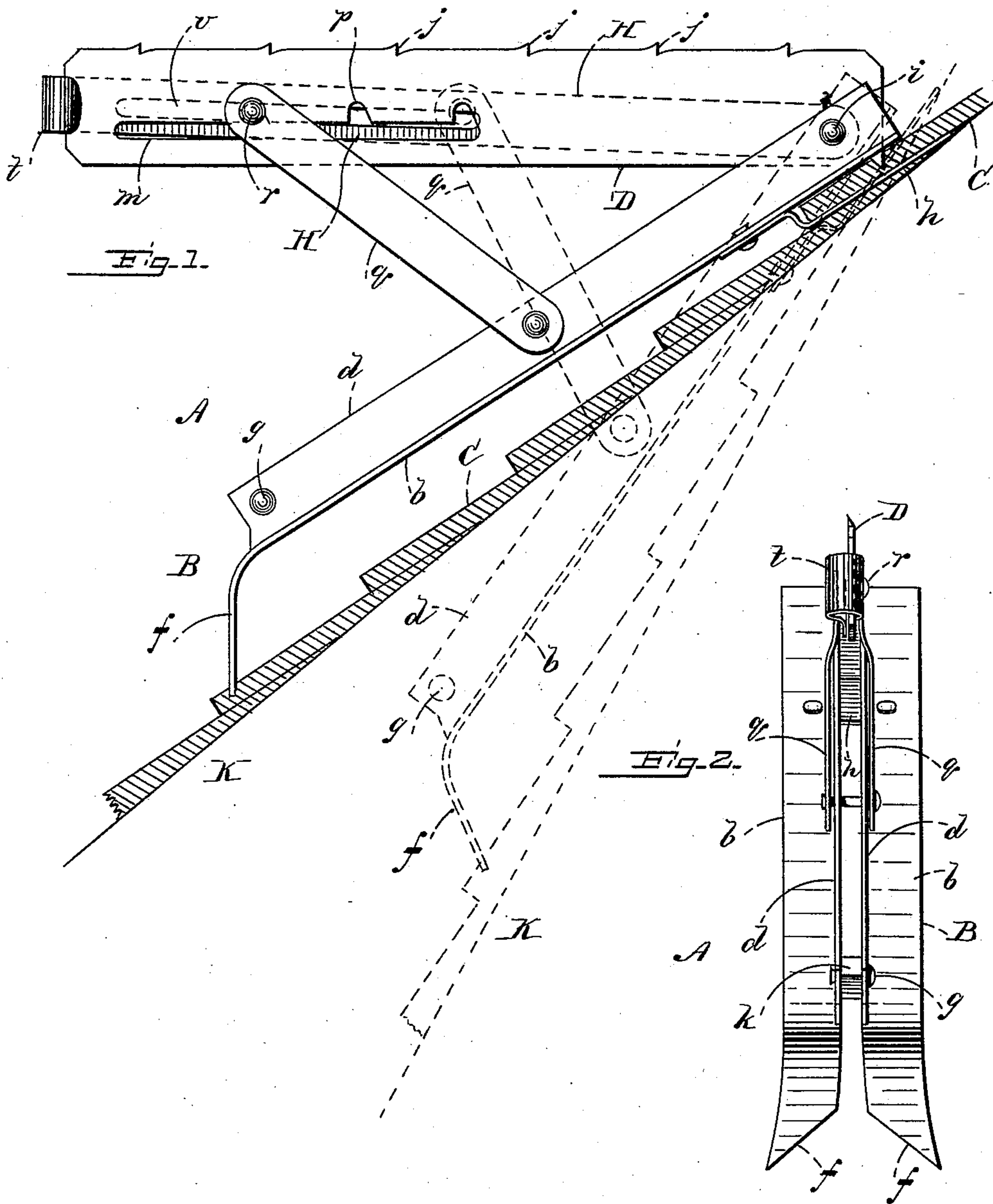
(No Model.)

2 Sheets—Sheet 1.

G. R. C. DAVIS.
COLLAPSIBLE STAGING BRACKET.

No. 464,243.

Patented Dec. 1, 1891.



WITNESSES:
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R. Sharpe

INVENTOR:
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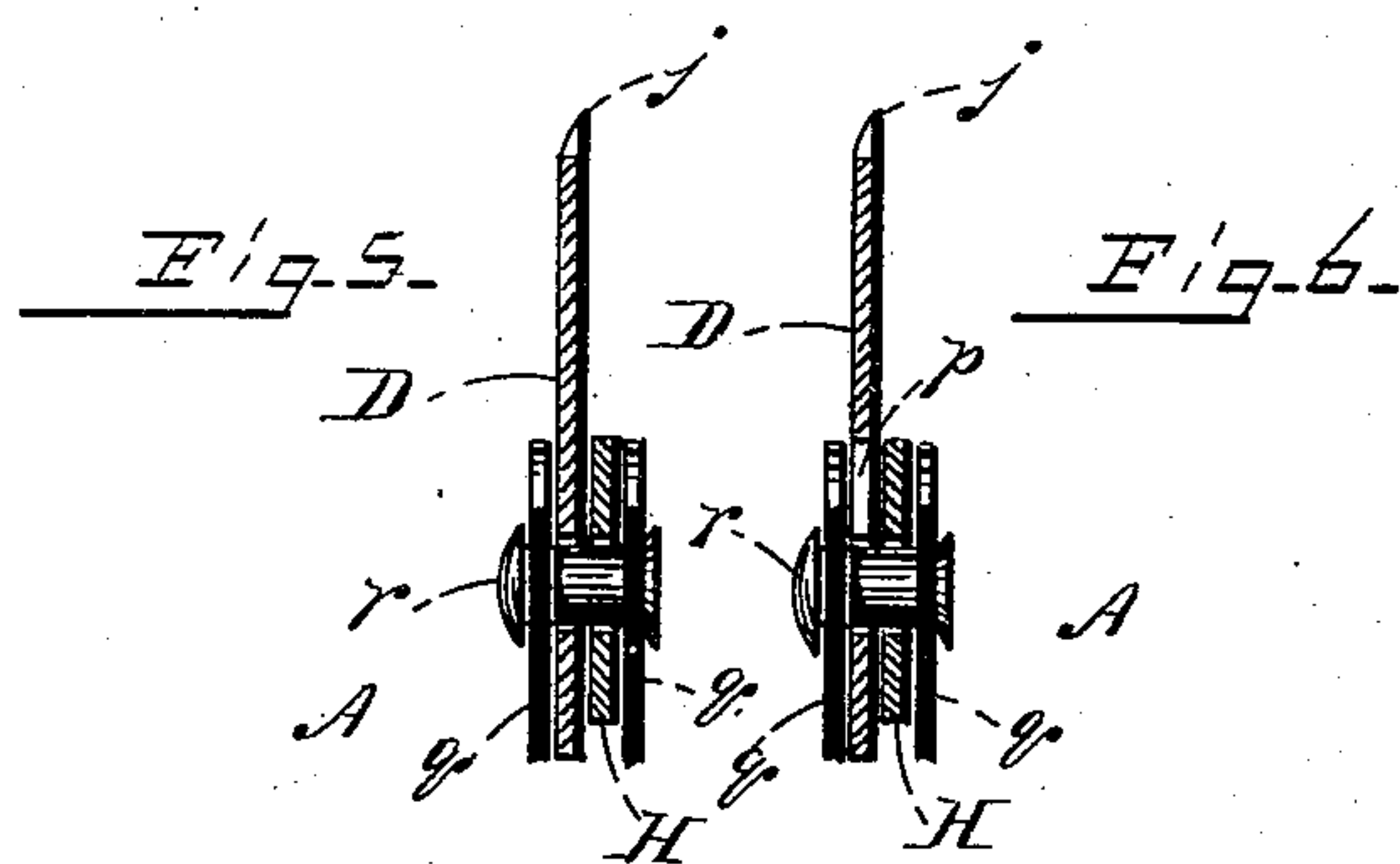
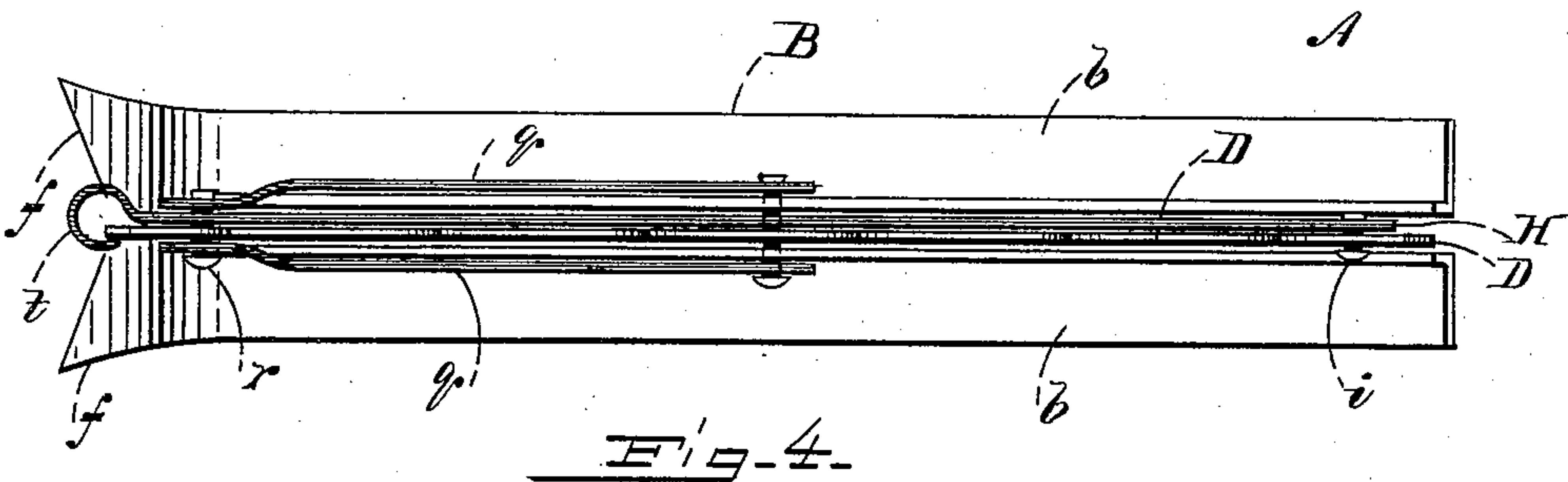
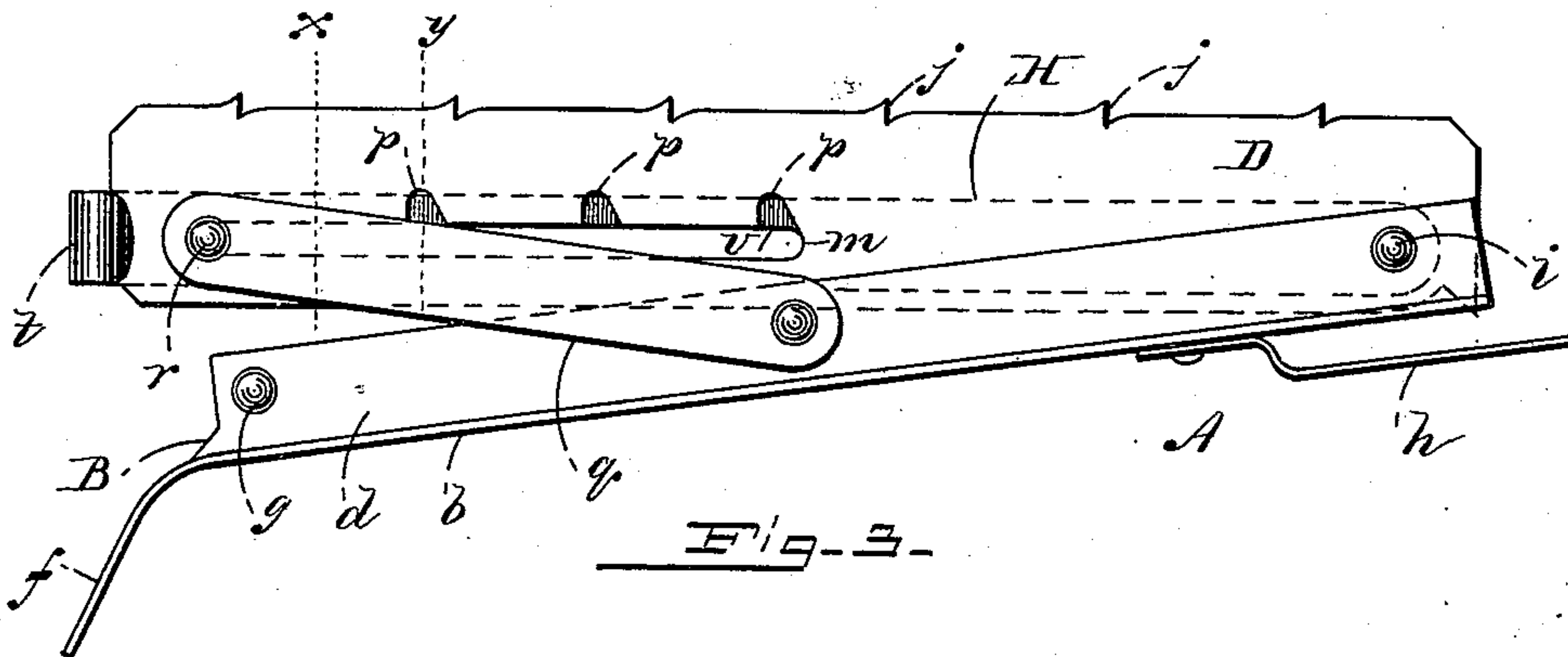
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2 Sheets—Sheet 2.

G. R. C. DAVIS.
COLLAPSIBLE STAGING BRACKET.

No. 464,243.

Patented Dec. 1, 1891.



WITNESSES:
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UNITED STATES PATENT OFFICE.

GEORGE R. C. DAVIS, OF MANCHESTER, NEW HAMPSHIRE.

COLLAPSIBLE STAGING-BRACKET.

SPECIFICATION forming part of Letters Patent No. 464,243, dated December 1, 1891.

Application filed June 1, 1891. Serial No. 394,629. (No model.)

To all whom it may concern:

Be it known that I, GEORGE R. C. DAVIS, of Manchester, in the county of Hillsborough, State of New Hampshire, have invented certain new and useful Improvements in Collapsible Staging-Brackets, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an elevation showing my improved bracket in position for use; Fig. 2, an elevation of the bracket, looking from the left in Fig. 1; Fig. 3, a side elevation of the bracket closed; Fig. 4, a top plan view of the same; Fig. 5, a cross-section on line *xx* in Fig. 3, and Fig. 6 a like view taken on line *yy* in said figure.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

My invention relates to a collapsible bracket which is especially adapted for use for supporting shingling-stagings on roofs and similar inclined positions; and it consists in certain novel features hereinafter fully set forth and claimed, the object being to produce a simpler, cheaper, and more effective device of this character than is now in ordinary use.

The nature and operation of the improvement will be readily understood by all conversant with such matters from the following explanation.

In the drawings, A represents the bracket considered as a whole. The bracket comprises a body portion B, consisting of two plates *b* in the same plane and having corresponding ends beveled and turned downward, forming claws *f*. Adjacent edges of the plates *b* have vertical parallel fins *d*, arranged longitudinally thereof. These fins are bolted together at *g* through a spreading-block *h*. From the under side of the body B, at the end opposite the claws *f*, a lip *h*, parallel with the plates *b*, projects, said lip being adapted to be inserted under a shingle C when adjusting the bracket, as shown in Fig. 1. Pivoted at *i* to swing vertically between the fins *d* there is a plate D, having its upper edge toothed or serrated at *j*. The free end of said

arm or plate D is slotted longitudinally at *m*, and the upper edge of said slot is notched at *p*. A link or brace *q* is pivoted centrally in the fins *d* and has a bolt *r* in its upper end which is fitted to slide in the slot *m* and take in the notches *p*. A shipping-lever H for unshipping the bolt *r* from the notches *p* has one end loosely pivoted on the plate-pivot *i*, its opposite end being curved at *t* to overlap the free end of said plate and form a handle. Said lever is slotted at *v*, its slot being of the same breadth and adapted to be thrown into parallelism with the plate-slot *m*.

In the use of my improvement on a roof K the plate *h* of the body B is forced under a shingle C, as shown in Fig. 1, the parts being in the position shown in Fig. 3, with the slots *v m* registering. The claws *f* take in the face of the shingles, as shown in Fig. 1. The plate D is then swung upward on its pivot until in a horizontal position, the bolt *r* sliding freely in the slots *v m*. By throwing the shipper H upward the bolt *r* may be forced into a determined notch *p*, locking the plate D in position. A series of the brackets are employed, the boards of the staging resting on the upper edges of the plates D, from which they are prevented slipping by the serrations *j*. By forcing the shipper H downward the bolt *r* is returned to the slot *m* and the bracket may be readily collapsed, as shown. The link *q* may be substituted by a single brace-arm having a suitable lateral projection for sliding in the slots, and the body B may be formed of one piece, if preferred.

Having thus explained my invention, what I claim is—

1. A collapsible staging-bracket comprising a body portion and mechanism for detachably securing the same to an inclined surface, a plate pivoted by an end to said body and provided with a notched or serrated slot, and a brace pivoted to swing vertically on said body and having its opposite end passing through said slot, substantially as described.

2. In a collapsible staging-bracket, a body portion provided with a claw and holding-plate, in combination with a plate pivoted to said body and provided with a longitudinally-arranged notched slot, a pivoted shipper having a slot adapted to register with the plate-slot, and a brace pivoted centrally of said body

and provided with a projection adapted to slide in said slots, substantially as and for the purpose set forth.

3. In a collapsible staging-bracket, the body
5 provided with the claw and holder, in combination with a plate pivoted by an end to said body and provided with a notched slot, and a brace pivoted centrally of the body and provided with a projection fitted to slide in said
10 slot, substantially as described.

4. The staging-bracket A, comprising the

body B, provided with the claw *f* and lip *h*, the plate D, pivoted to said body and provided with the slot *m*, notched at *p*, the pivoted shipper H, provided with the slot *v*, and 15 the brace *q*, pivoted to said body and having a projection, as *r*, working in said slots, substantially as described.

GEORGE R. C. DAVIS.

Witnesses:

KATHARINE DURFEE,
O. M. SHAW.