

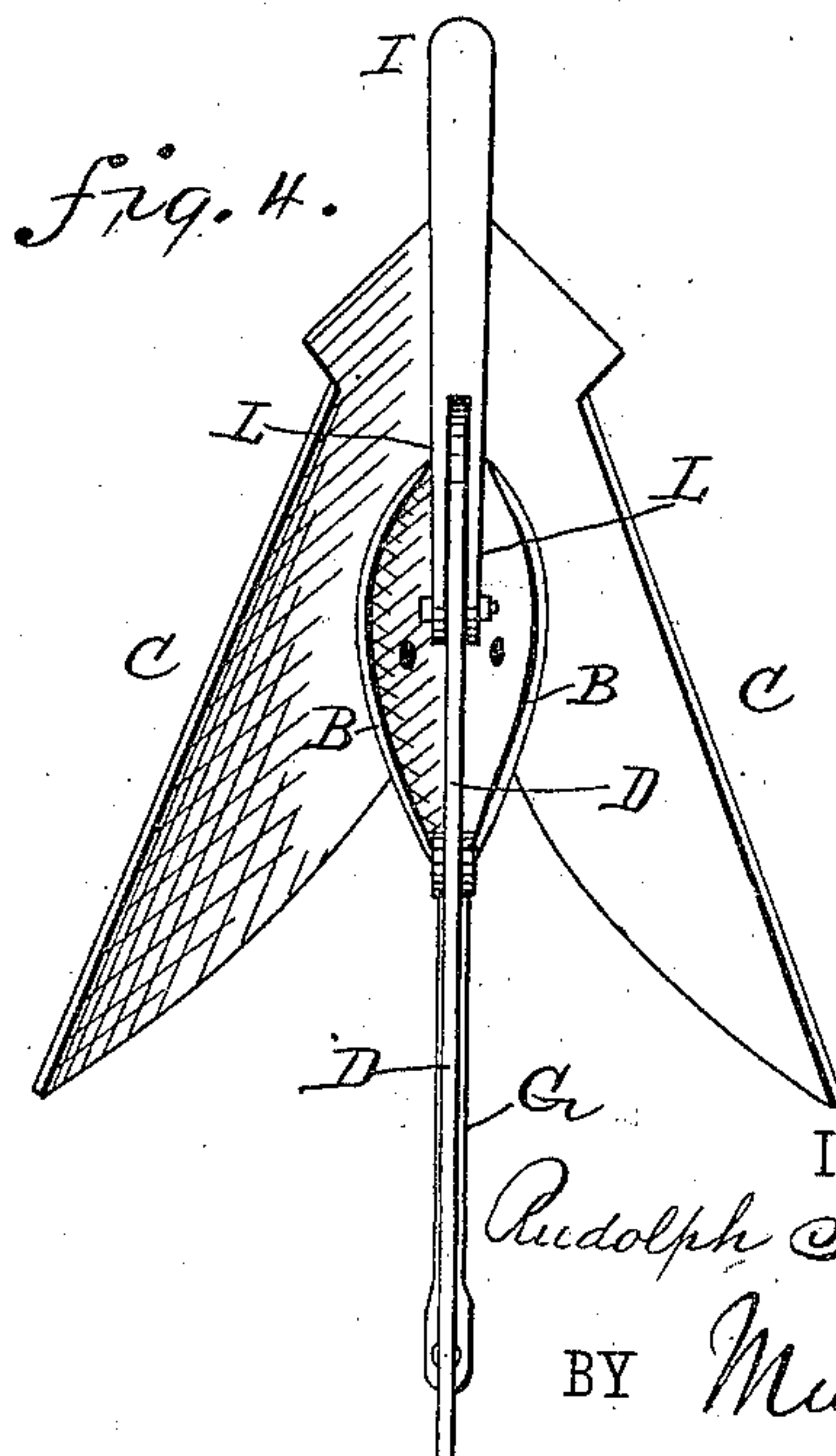
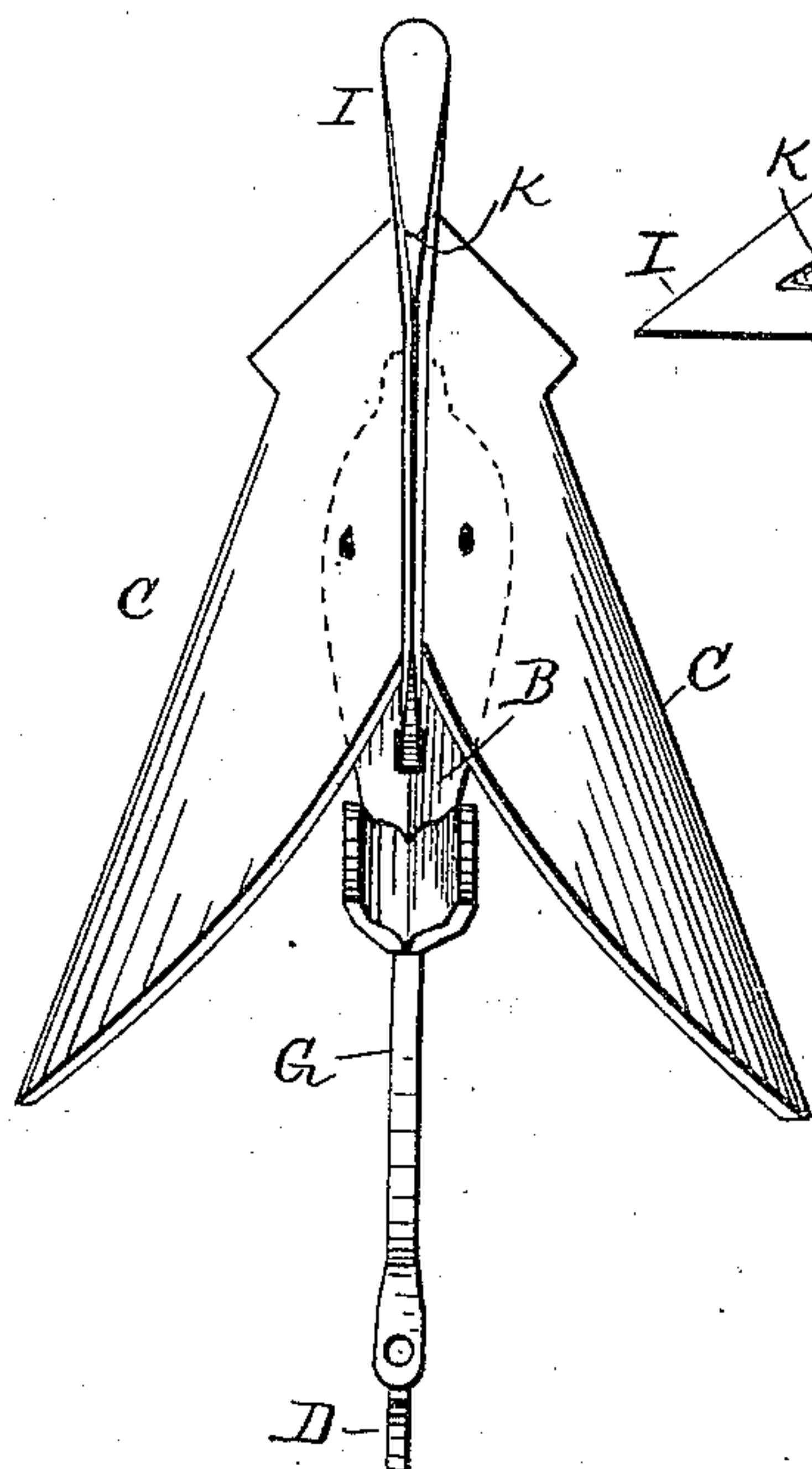
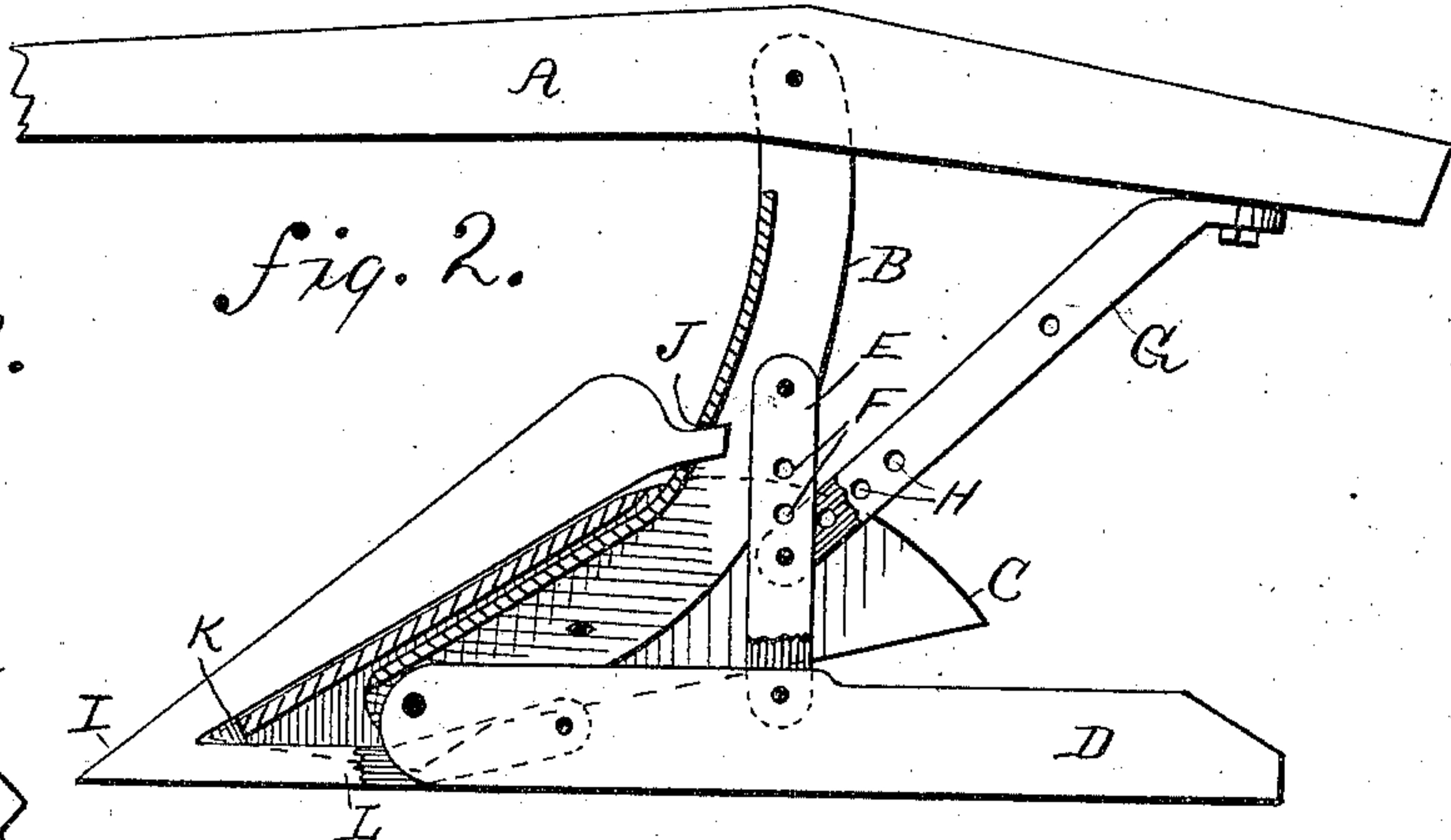
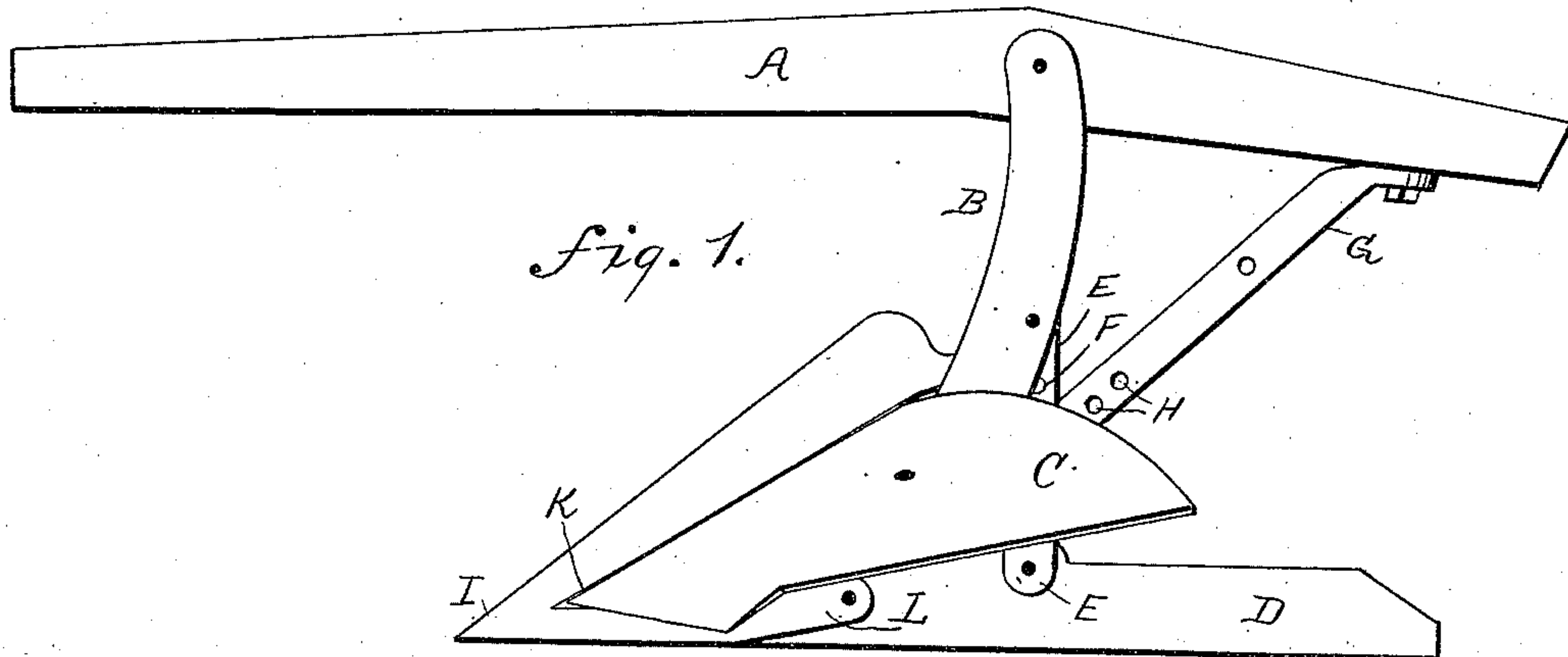
(No Model.)

R. SCHUSTER.

HILLING PLOW.

No. 310,855.

Patented Jan. 13, 1885.



WITNESSES:

H. B. Brown
A. G. Lyne.

INVENTOR:

Rudolph Schuster
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ATTORNEYS.

UNITED STATES PATENT OFFICE.

RUDOLPH SCHUSTER, OF WALDECK, TEXAS.

HILLING-PLOW.

SPECIFICATION forming part of Letters Patent No. 310,855, dated January 13, 1885.

Application filed May 20, 1884. (No model.)

To all whom it may concern:

Be it known that I, RUDOLPH SCHUSTER, of Waldeck, in the county of Fayette and State of Texas, have invented a new and useful Improvement in Hilling-Plows, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, forming part of this specification.

This invention relates to plows having a double or right and left hand mold-board for throwing soil from both sides of a furrow to form beds or hills; and the invention consists of the construction hereinafter described and claimed.

In the drawings, Figure 1 is a side elevation of my improved plow. Fig. 2 is a vertical section of the same. Fig. 3 is a plan view with the beam removed, and Fig. 4 is a bottom view of the same.

A indicates the beam of the plow, and B is the stock, consisting of a plate which is doubled upon itself at the upper part and is spread out at the lower part to form a base for the mold-board C; or it may consist of two plates welded together in such shape. To the forward end of the stock is secured the heel-bar D, which is also connected to the upper part of the stock by a vertical brace, E, which is secured between the folds of the stock and to the center of said bar. This brace is provided with a series of perforations, F, at its upper end to regulate the height of the bar D. A second brace, G, is connected to the center of brace E and the rear end of the beam A. This brace G is provided at its lower end with a series of perforations, H, by means of which the beam may be set for deep or shallow plowing.

The mold-board C consists of two wings formed in one piece and set at an angle with each other. It is intended that the wings shall be nearly plane, instead of concavo-convex, to allow the soil in tough or waxy land to pass from the same without clogging. The

mold-board is secured by two bolts to the upper surface of the stock B, which is curved forward at its lower end.

The plow-point I consists of a thin blade running down the center of the mold-board and projecting in front of and below the same. The upper end of the point is set in a recess, J, in the stock B, while its lower end rests in a notch, K, in the lower end of the mold-board. The lower end of the plow-point is provided with a rearwardly-extending arm, L, which fits under the mold-board and is bolted to the heel-bar D. This arm is formed with two branches which overlap opposite sides of said bar. With this construction the plow-point is securely held in position with the use of only one bolt.

What I claim is—

1. The combination, with the beam, the stock, and the pivoted heel-bar, of the adjustable brace connecting said stock and heel-bar together, and the adjustable brace connecting the said brace with the rear of the beam, substantially as shown and described.

2. The combination, with the stock and the right and left hand or double mold-board, of the plow-point or colter having the blade running down the middle of the mold-board and terminating in front of and below the mold-board and forming an angle for supporting the lower end of the mold-board, substantially as shown and described.

3. The combination, with the stock and the heel-bar, of the double mold-board and the plow-point or colter having its upper end set in a recess in the stock above the mold-board, and its lower end provided with an arm which extends rearward under the mold-board and is secured to the heel-bar, substantially as shown and described.

RUDOLPH SCHUSTER.

Witnesses:

MARTEN ZUERNEMANN,
F. A. TIEMANN.