

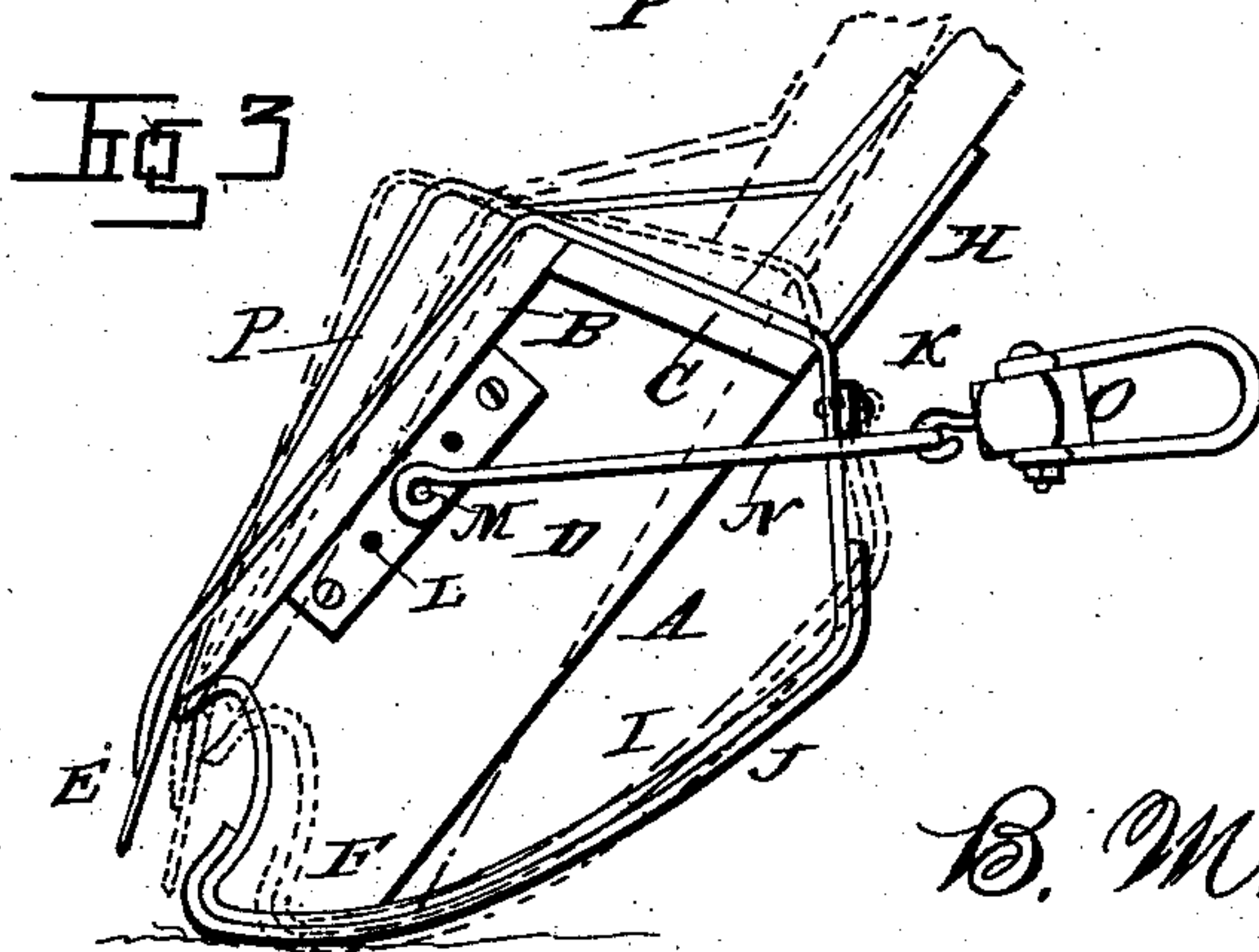
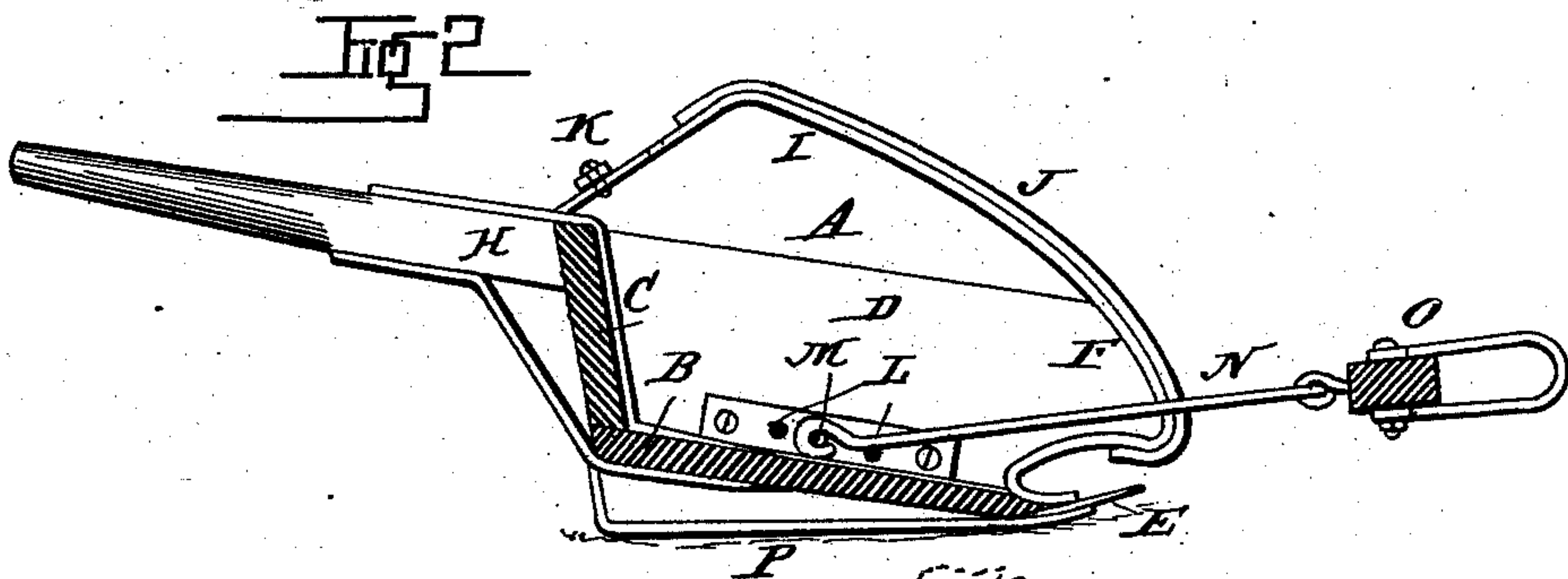
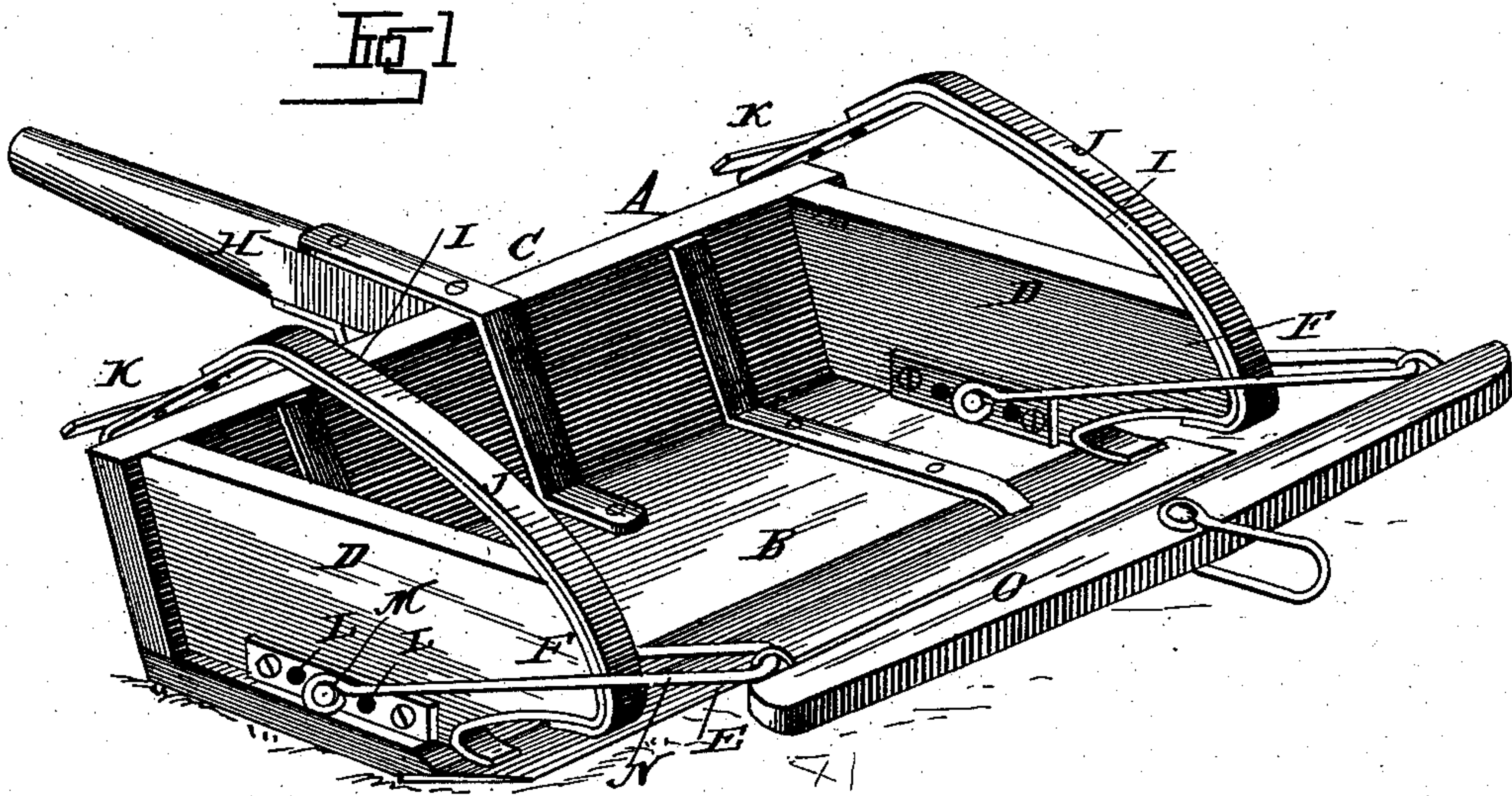
(No Model.)

B. M. HAGUE.

EXCAVATOR AND LAND LEVELER.

No. 292,555.

Patented Jan. 29, 1884.



WITNESSES:

*Ad. S. Dietrich,*  
*Edw. G. Siggers.*

*B. M. Hague,*  
INVENTOR.

*by C. A. Snow & Co*

ATTORNEYS.



# UNITED STATES PATENT OFFICE.

BENJAMIN MURRELL HAGUE, OF WILD FLOWER, CALIFORNIA.

## EXCAVATOR AND LAND-LEVELER.

SPECIFICATION forming part of Letters Patent No. 292,555, dated January 29, 1884.

Application filed June 19, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, BENJAMIN MURRELL HAGUE, a citizen of the United States, residing at Wild Flower, in the county of Fresno and State of California, have invented a new and useful Excavator and Land-Leveler, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to devices for excavating, scraping, and leveling land, roads, and the like; and it has for its object to produce a device for these purposes which shall possess superior advantages in point of simplicity, durability, and general efficiency.

To this end it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, Figure 1 is a perspective view of my improved excavator, scraper, and leveler, showing the same in position for operation. Fig. 2 is a longitudinal vertical sectional view, and Fig. 3 is a side view, showing the device inverted in position for dumping.

The same letters refer to the same parts in all the figures.

A in the drawings designates the bowl or body of my improved excavator and leveler, which consists of the bottom B, back C, and sides or ends D D, all of which may be made of wood, suitably ironed, and connected durably by bolts and screws. The front edge of the bottom is equipped with a sharp-edged blade, E, secured thereto in any suitable manner. The front edges of the sides D D are provided or formed with tongues F F, extending above and beyond the blade E, as clearly shown in the drawings.

To the back C a rearwardly-extending handle, H, is suitably connected.

I I are runners, curved or arched above the sides D, being suitably secured to the front edges of the latter and to the back of the machine, and serving to support the machine when the latter is inverted in the act of dumping its load. The wearing parts of said runners are protected by detachable steel shoes J, which may be readily renewed when worn. The runners I are provided near their rear ends with adjustable cross-pieces K.

The sides D D are provided at their lower

edges with perforations L L, to receive the pivoting-pins M of clevises N, which extend some distance in front of the sides, and to the front ends of which is connected the cross-bar O, to which the draft is attached.

To the under side of the bottom B are secured the wedge-shaped runners P, which serve to prevent friction of the bottom of the machine against the ground, thus preventing undue wear upon the bottom and insuring an easy draft.

The operation and advantages of my invention will be readily understood from the foregoing description, taken in connection with the drawings hereto annexed. In the act of loading, the machine may be readily guided by the handle H. The latter also serves as a lever to assist in overturning the machine in the act of dumping the load. When this is done, the horns or tongues F of the sides D will strike the ground, thus preventing the blade E from entering the ground and making it unnecessary to stop the draft even for a moment. When the machine is overturned the bails or clevises N will strike the cross-pieces K, which have been adjusted with a view to regulating the depth to which it is desired to spread the load. Thus, when the cross-pieces K are adjusted near the back of the machine, the latter will turn over until the blade E is a considerable distance from the ground, thus causing the load to be deeply spread or simply dumped; but when the cross-pieces K are placed farther from the back the overturning of the machine will be checked when the blade E is near the ground, and the machine, when dragged onward, will thus be caused to spread the load thinly. The machine may then be dragged back to the loading-place, turned over by means of the handle, or by pulling a cord attached to the latter, and it is then ready for reloading.

I am aware that it is not new in scrapers to combine the bowl having adjustable runners secured to the sides thereof with a bar adjustably secured to the runners to limit the dump of the bowl, and adjustable links pivoted to the sides for the attachment of the draft-hooks, and I therefore do not claim the same.

I claim and desire to secure by Letters Patent of the United States—

The combination of the bowl A, the sides D of which extend in front of the blade, so as to form horns F, the runners I, attached to and arched above the sides D, the cross-pieces K, 5 attached adjustably to said runners, and the bails F, pivoted adjustably to the sides D, for the attachment of the draft, as herein set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

BENJAMIN MURRELL HAGUE.

Witnesses:

BENJAMIN F. PRATHER,

GEORGE H. GORDON.