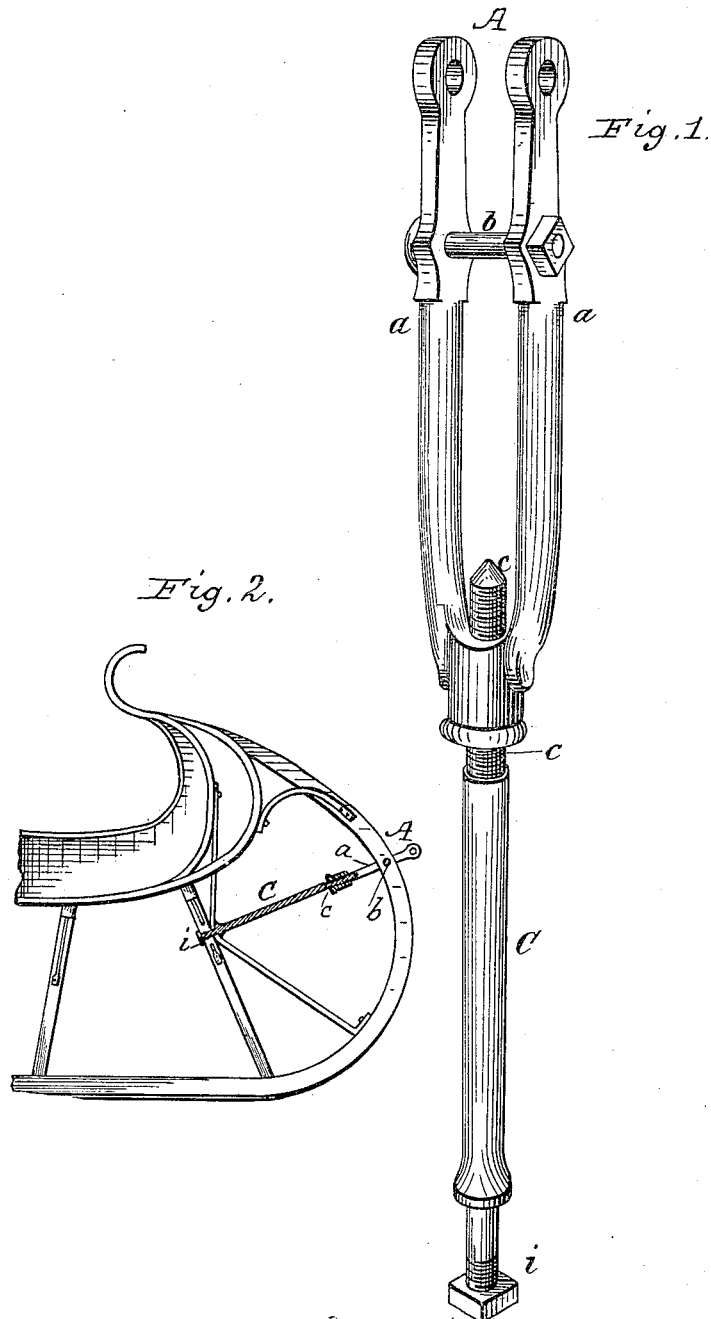


(No Model.)

A. STEDMAN.  
DRAW IRON FOR SLEIGHS.

No. 263,439.

Patented Aug. 29, 1882.



Witnesses:  
W. B. Masson  
L. A. Marceron

Inventor  
Albert Stedman,  
by his Atty J. R. Nottingham

# UNITED STATES PATENT OFFICE.

ALBERT STEDMAN, OF HOMER, NEW YORK.

## DRAW-IRON FOR SLEIGHS.

SPECIFICATION forming part of Letters Patent No. 263,439, dated August 29, 1882.

Application filed May 8, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT STEDMAN, of the town of Homer, in the county of Cortland and State of New York, have invented certain new and useful Improvements in Draw-Irons for Sleighs and Cutters; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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 the letters of reference marked thereon, which form a part of this specification.

Heretofore draw-irons in cutters and sleighs have been made of wrought-iron forged to the desired form, and have consisted of one solid or continuous piece extending from the head, which receives the rear end of the shafts, back past the runner to the front knee or beam of the sleigh. As thus made difficulty was experienced in the fact that different lengths were required to fit different frames on which used.

The object of my invention is to make or provide an adjustable draw-iron adaptable to frames of different dimensions; and it consists of two separate parts—to wit., the head and the shank or rear end.

In the drawings, Figure 1 represents a perspective view of my device; and Fig. 2, a longitudinal sectional view, showing it attached to sleigh.

A represents the head, which receives the shafts, divided into prongs *a a*, with connecting-bolt *b*, which passes through the runner.

C is the shank, to which the head A is connected, having its forward end screw-threaded, as shown at *c*, to fit corresponding threads cut in the rear end of the head A, by means of which the parts are attached together and made adjustable. The shank terminates at

its rear end in bolt and nut *i*, by means of which it is secured to the forward beam or knee of the sleigh.

The advantages of my invention are obvious. By means of the screw-connection of the two parts the draw-iron may be adjusted by contracting or lengthening it, so as to fit different frames; and by the use of two separate parts great economy in their manufacture may be realized, from the fact that the head A can be made of cast or malleable iron.

While I prefer to connect and adjust the two parts by means of the screw-threads, as shown, yet I do not wish to confine myself to such method.

Having thus fully described my invention, what I desire to secure by Letters Patent is—

1. An improved draw-iron for sleighs and cutters, consisting of the head A and shank C, made in separate parts having suitable means of connection, substantially as and for the purposes described.

2. An improved adjustable draw-iron for sleighs and cutters, consisting of two separate parts connected by means of the screw-threads *c* and the corresponding screw-threaded aperture in the head A, substantially as and for the purposes described.

3. An improved draw-iron consisting of the two detachable parts, as shown, the head being of cast or malleable iron and the shank of wrought-iron, substantially as and for the purposes shown.

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

ALBERT STEDMAN.

Witnesses:

H. J. HARRINGTON,  
GEO. J. MAYCUMBER.