

(No Model.)

H. VANDERHEI.
LOGGING SLED.

No. 543,067.

Patented July 23, 1895.

Fig. 1.

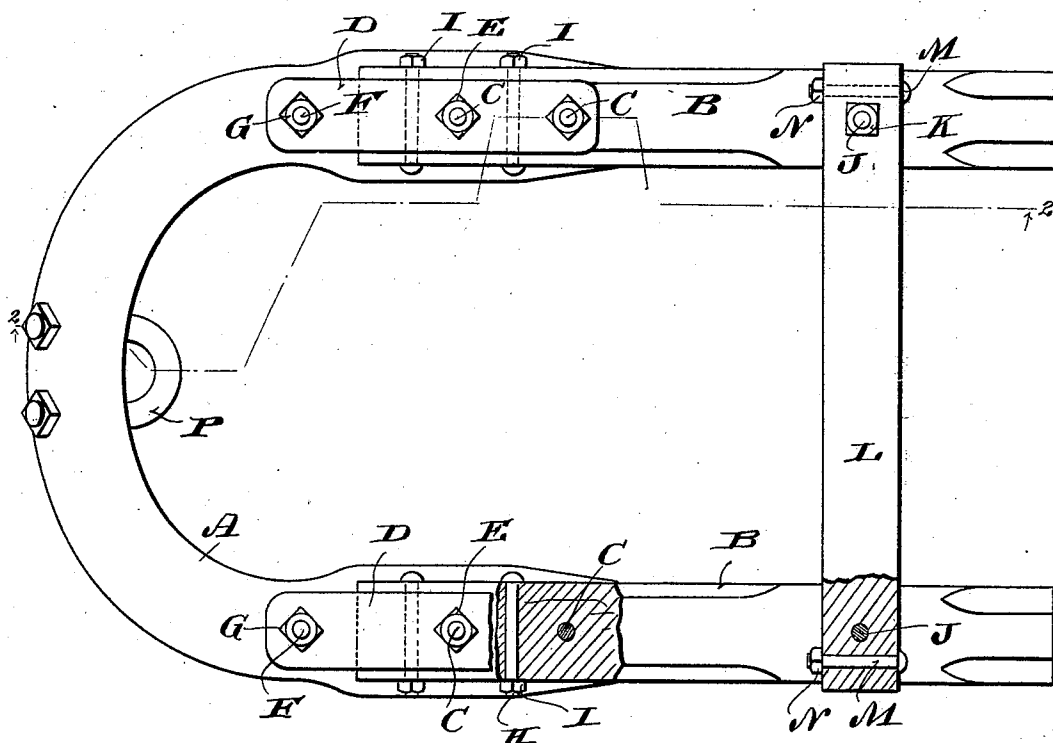
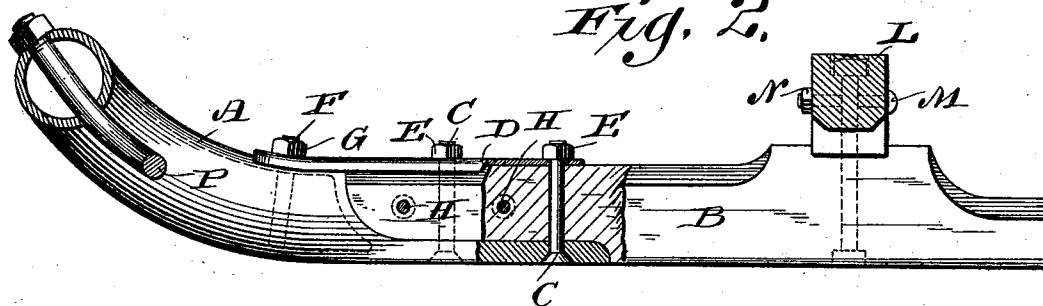


Fig. 2.



Witnesses.
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HENRY VANDERHEI, OF VESPER, WISCONSIN.

LOGGING-SLED.

SPECIFICATION forming part of Letters Patent No. 543,067, dated July 23, 1895.

Application filed September 27, 1894. Serial No. 524,268. (No model.)

To all whom it may concern:

Be it known that I, HENRY VANDERHEI, a citizen of the United States, and a resident of Vesper, in the county of Wood, and in the State of Wisconsin, have invented certain new and useful Improvements in Logging-Sleds; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention has for its object to provide a simple, economical, strong, and durable logging-sled of that character sometimes termed a "lumberman's jimmy;" and it consists in certain peculiarities of construction and combination of parts hereinafter specified, with reference to the accompanying drawings, and subsequently claimed.

In the drawings, Figure 1 represents a plan view of a sled constructed according to my invention and partly broken away. Fig. 2 represents a section of the sled viewed on line 2 of the preceding figure.

Referring by letter to the drawings, A represents the bow of the sled, this bow being a single piece of metal tubing curved upward at the front to clear the surface over which the sled may be traveled. The ends of the bow are flattened and spread to increase their bearing on opposing surface. The flattening and spreading of the ends is accomplished by compression. Fitted to the ends of the bow, so as to be flush with the under side of the same, are wooden runners B, held in place by bolts C, the heads of these bolts being countersunk in said ends of the bow, and I also employ metal tie-plates D, arranged on the aforesaid bolts under clamping-nuts E and also joined to said bow by bolts F and nuts G. In order to prevent splitting of the front ends of the runners B, I employ other bolts H and nuts I, the latter bolts being run through said runners transverse of the latter or at right angles to the former bolts.

Fitted to preferably elevated portions of the runners and held thereon by bolts J and nuts

K is a bunk L, the ends of which are prevented from splitting by other bolts M and nuts N.

Depending from the center of the bow is an eye P, herein shown as being preferably a staple run through said bow and held in place by nuts.

In practice the front end of a log is rested on the bunk and held in place by a drag-chain run through the bow-eye to connect with a singletree or doubletree.

From the foregoing it will be seen that I provide a logging-sled that is simple, cheap, strong, and durable in the matter of construction, as well as one in which worn or broken wooden parts may be renewed without appreciable expense or loss of time.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a logging-sled comprising a tubular metal bow having its ends compressed to increase their bearing surface, wooden runners fitted on the compressed ends of the bow, tie-plates bolted to the bow and runners, a bunk mounted on said runners, and a drag-chain eye connected to said bow, substantially as set forth.

2. A logging-sled comprising a tubular metal bow having its ends compressed to increase their bearing surface, wooden runners fitted on the compressed ends of the bow, tie-plates bolted to the bow and runners, stay-bolts transversely arranged in the forward ends of the runners, a bunk mounted on said runners, and a drag-chain eye connected to said bow.

In testimony that I claim the foregoing I have hereunto set my hand, at Centralia, in the county of Wood and State of Wisconsin, in the presence of two witnesses.

HENRY VANDERHEI.

Witnesses:

R. C. WORTHINGTON,
JOHN H. OTTO.