

(No Model.)

J. K. FISHER.
KNOCKDOWN CUTTER.

No. 517,855.

Patented Apr. 10, 1894.

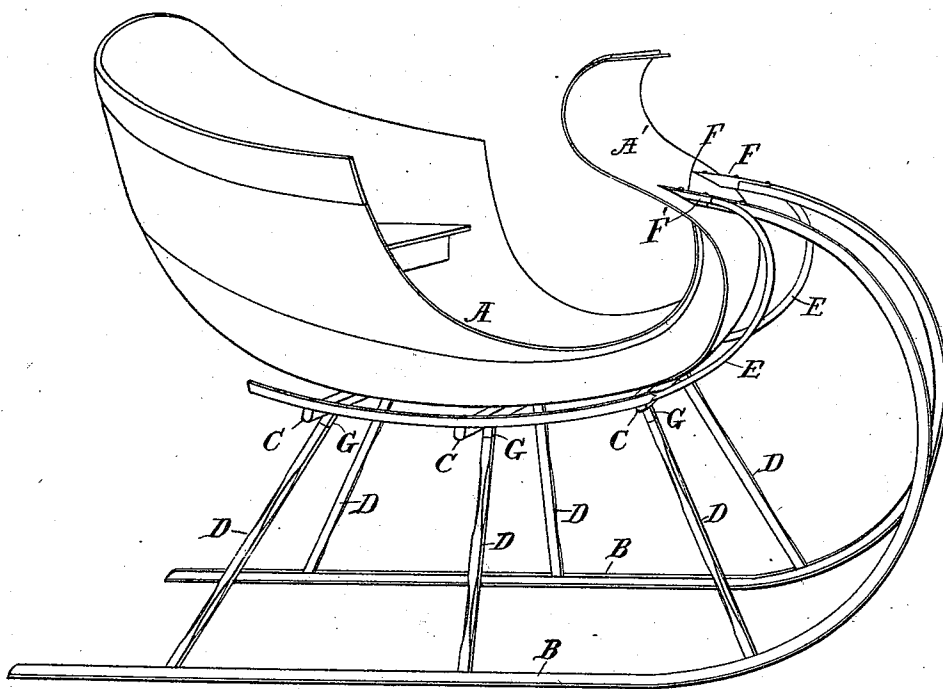


Fig. 1.

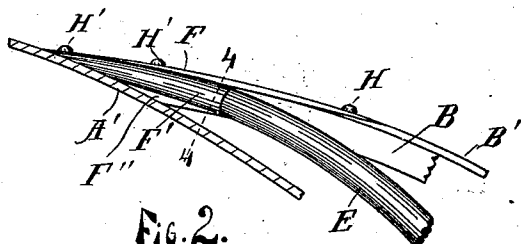


Fig. 2.

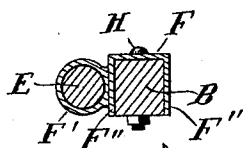


Fig. 3.

WITNESSES:

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JASPER K. FISHER, OF LOWELL, MICHIGAN.

KNOCKDOWN CUTTER.

SPECIFICATION forming part of Letters Patent No. 517,855, dated April 10, 1894.

Application filed May 20, 1893. Serial No. 474,863. (No model.)

To all whom it may concern:

Be it known that I, JASPER K. FISHER, a citizen of the United States, residing at Lowell, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Knockdown Cutters; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improved knockdown cutter, and its object is to provide the same with certain new and useful features, hereinafter more fully described and particularly pointed out in the claim, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective of a cutter, embodying my invention; Fig. 2 a detail showing the detachable fastening at the end of the runner; Fig. 3 a detail showing the detachable fastening that connects the knee and beam; and Fig. 4 is a transverse section on the line 4—4 of Fig. 2.

Like letters refer to like parts in all of the figures.

A is the box or body; B the runners; C the beams; D the knees; and E the fenders; all of the usual form. The tenons D' of the knees instead of being inserted in mortises in the beams as usual, are inserted in suitable metal sockets G, which are detachably secured to said beams by bolts I, passing through flanges G at the sides of the sockets and integral therewith which bolts also pass through the bottom of the body A, and thus simultaneously secure said body and sockets to the beams.

Secured to the dash board A', by bolts or rivets H' is a metal plate F, which prolongs the line of the runner iron B, and said plate

and iron at their adjacent ends overlap and are tapered as shown in Fig. 2, and a bolt H may be inserted to bind them together, but the latter is not essential. Integral with said plate F and projecting from one side thereof at a suitable angle is a tubular socket F', to receive and secure the end of the fender E, and at each side of the runner is a flange F'', F'', also integral with said plate.

By detaching the sockets G from the beams, and removing the bolts H (if used), the runners and knees may be detached from the body, beams, and fenders, thus greatly reducing the room required for shipment or storage of the article.

What I claim is—

The herein-described knockdown cutter, consisting of the body, having its dash provided with plates each of which has flanges and a socket at the side of said flanges, the runner irons, tapered at their upper ends and having said tapered ends received between and engaging the flanges of said plates, and removable therefrom, the fenders, having their upper ends removably inserted within the sockets of said plates and encircled thereby, sockets, G, having flanges, bolts, passing through said flanges and removably securing said sockets to the cutter-body, and knees, secured at their lower ends to the runner irons and having their upper ends inserted within said sockets G, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JASPER K. FISHER.

Witnesses:

LUTHER V. MOULTON,
LOIS MOULTON.