(No Model.)

C. S. BEEBE.

SLED.

No. 540,295. Patented June 4, 1895.

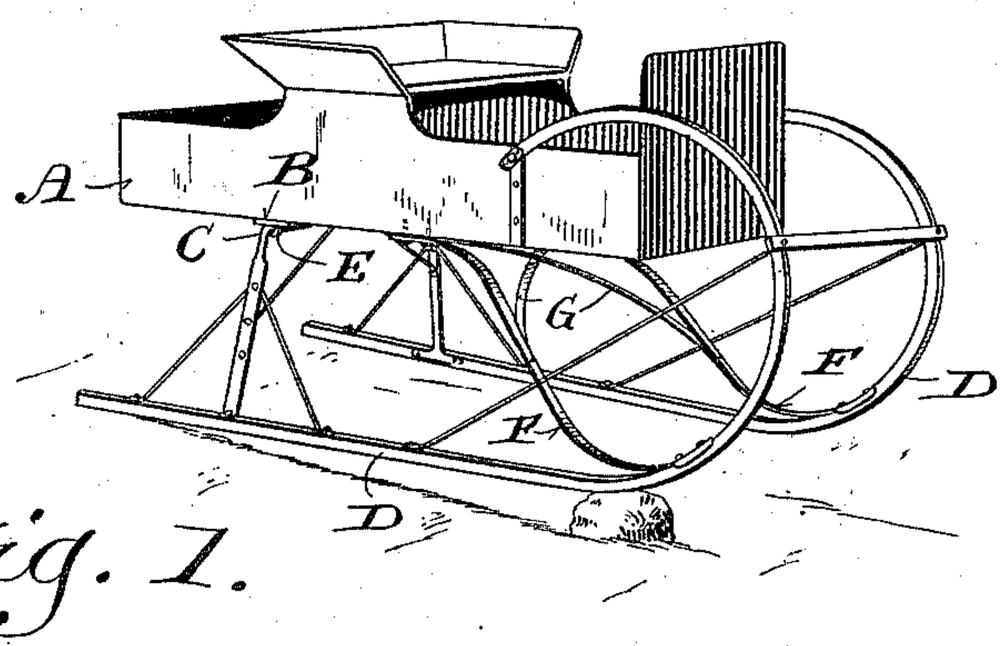


Fig. 1.

Fig. 2.

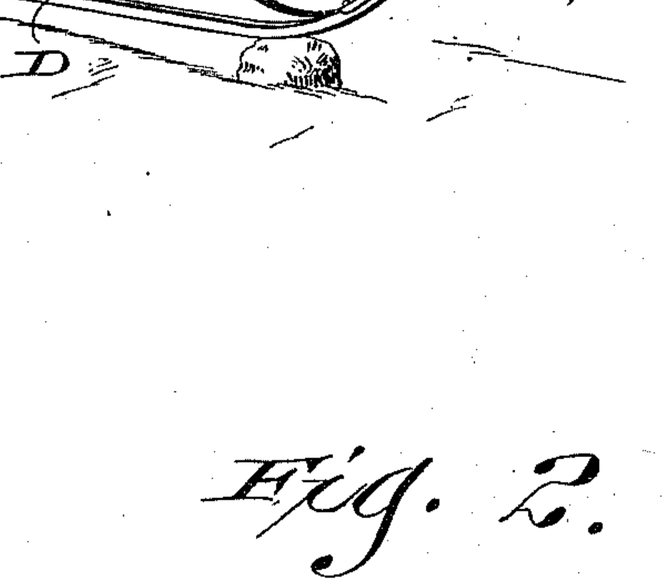
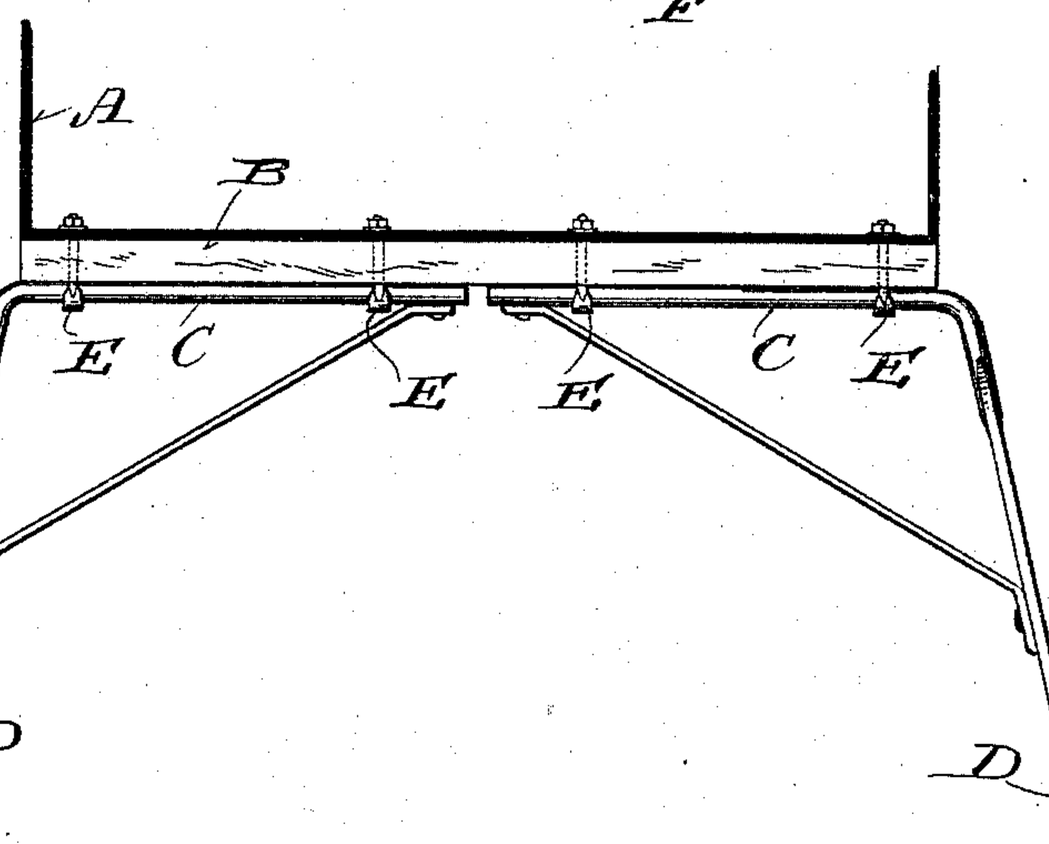


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES S. BEEBE, OF RACINE, WISCONSIN, ASSIGNOR TO THE BEEBE MANUFACTURING COMPANY, OF SAME PLACE.

SLED.

SPECIFICATION forming part of Letters Patent No. 540,295, dated June 4, 1895.

Application filed August 27, 1894. Serial No. 521,423. (No model.)

To all whom it may concern:

Be it known that I, CHARLES S. BEEBE, a citizen of the United States, and a resident of Racine, in the county of Racine, and in the State of Wisconsin, have invented certain new and useful Improvements in Sleds; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention has for its object to increase the durability of sleds particularly those of the cutter type; and it consists in certain peculiarities of construction and combination of parts, hereinafter specified with reference to the accompanying drawings and subsequently claimed, whereby the sled-runners independently adapt themselves to uneven roads without shock or jolt.

In the drawings, Figure 1 represents a perspective view of a cutter type of sled constructed according to my invention; Fig. 2, a plan view, partly in section, of the runner-gear; and Fig. 3, a vertical transverse section immediately forward of a cross-bar or bolster on the under side of the body.

Referring by letter to the drawings, A represents the sled-body provided on its under side with a rear bolster B, and a beam C connected to each runner D is hinge-joined to the bolster by means of clips E having their shanks held in place by nuts or other suitable means. The curved front ends of the runners are herein shown as pivotally connected to the sides of the body, but in some instances they may be likewise connected to the dash-board or other front portion of said body. The front knees F are of spring-steel and connecting these knees and the body are cross-bars G also of spring-steel.

From the foregoing it will be seen that each runner may yield independent of the other and the spring-knees F and spring cross-bars will prevent shock or jolt that would otherwise result from rough places in roads. It is also to be observed that while one runner passes over a stone or other obstruction in its path, the other runner stays on the surface, and because of the yielding of the running-gear to inequalities in roads I avoid the strain that comes upon sleds of the usual stiff construction and thereby obtain greater durability.

Having now fully described my invention, what I claim as new, and desire to obtain by Letters Patent, is—

A sled having each runner thereof pivotally connected to the body at two points, spring knees connecting said runners and body, and spring cross-bars that connect the knees and aforesaid body, substantially as set forth.

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

CHAS. S. BEEBE.

Witnesses:
ERASTUS C. PECK,
JNO. W. KNIGHT.