

GEORGE C. FULLER.

Improvement in Sleigh-Brakes.

No. 114,663.

Patented May 9, 1871.

FIG 1.

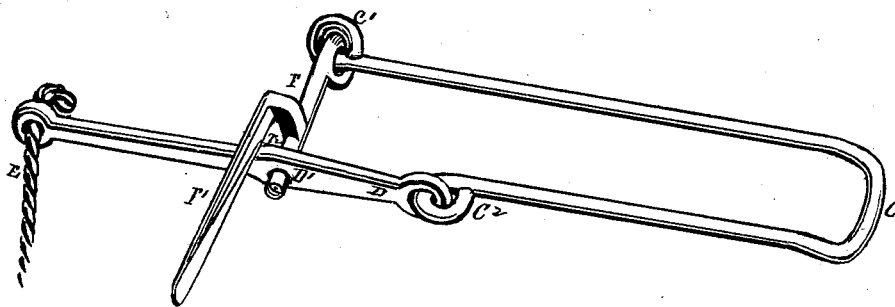
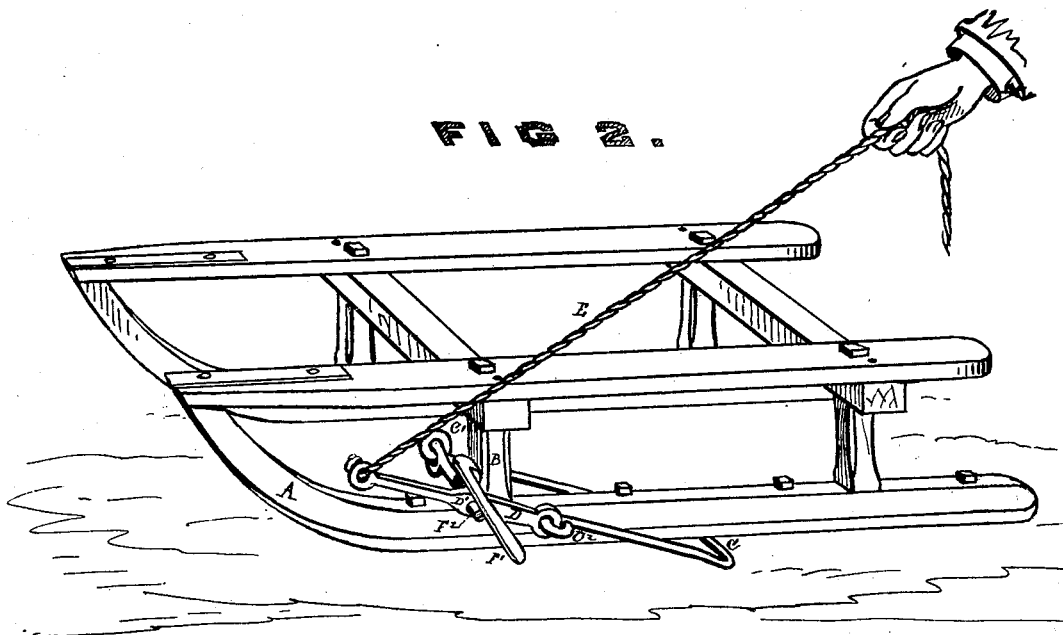


FIG 2.



WITNESSES

John G. Crocker
John S. Seymour

INVENTOR.

George C. Fuller

UNITED STATES PATENT OFFICE.

GEORGE C. FULLER, OF MARCY, NEW YORK.

IMPROVEMENT IN SLEIGH-BRAKES.

Specification forming part of Letters Patent No. **114,663**, dated May 9, 1871.

I, GEORGE C. FULLER, of the town of Marcy, in the county of Oneida and State of New York, have invented a new and useful Improvement in Sleigh-Brakes.

The Nature and Object of the Invention.

The only sleigh-brake heretofore known in use has been the chain and the ordinary plow or whiffletree clevis. Both require time to attach and take off. In taking either off the sleigh has to be stopped and then started, and the chain or clevis picked up after the sleigh has passed over it.

My improved sleigh-brake is so formed that it may be instantly put in place, and when it has performed the service it may be removed while the sleigh is running at any speed.

Description of the Accompanying Drawing.

Figure 1 is a perspective view of the brake. Fig. 2 represents the brake on the sleigh.

A is the sleigh-runner, and B a knee thereof. C is a bow, of iron, in the form of a clevis, but having one end of the bow longer than the other, with a loop, C¹ and C², at the end of each.

The short arm C² has looped to it an arm or lever, D, with a hole therein, D', with a rope or cord, E, attached to its outer end.

To the long arm C¹ of the bow is looped a latch, F, having a forked end, one arm of which, F¹, serves as a handle, and the other, F², is in the form of a pin, and when in use and operation such pin F² fits in the hole D'.

The brake may always be attached to the sleigh by the cord or rope E.

When the brake is to be applied to the sleigh the bow end is placed under the runner, and the latch F is brought over it in front of the knee B, and the end or pin F² is placed in the hole D', and the whole is held by the handle F¹ until the knee B is drawn against the latch F.

When it is desired to detach the brake, a slight pull outward on the cord draws the lever D outwardly, and the pin D' becomes detached, and the latch F flies open, and the runner will pass over the bow, and the brake may then be drawn into the sleigh by the cord E without stopping the sleigh.

The brake, as described, may be used on either side of the sleigh.

To give more durability to the brake, steel may be welded to the bow.

Instead of jointing the lever D to the arm C¹, as described, the side may be made in one elastic piece, which will press onto the pin F² when the brake is in use, and when it is desired to detach it may be sprung open by the cord E.

Claim.

I claim as my invention—

A sleigh-brake operated by the lever D, or its equivalent, and latch F, in combination, substantially as and for the purposes hereinbefore set forth.

GEORGE C. FULLER.

Witnesses:

JOHN F. SEYMOUR,
JOHN G. CROCKER.