

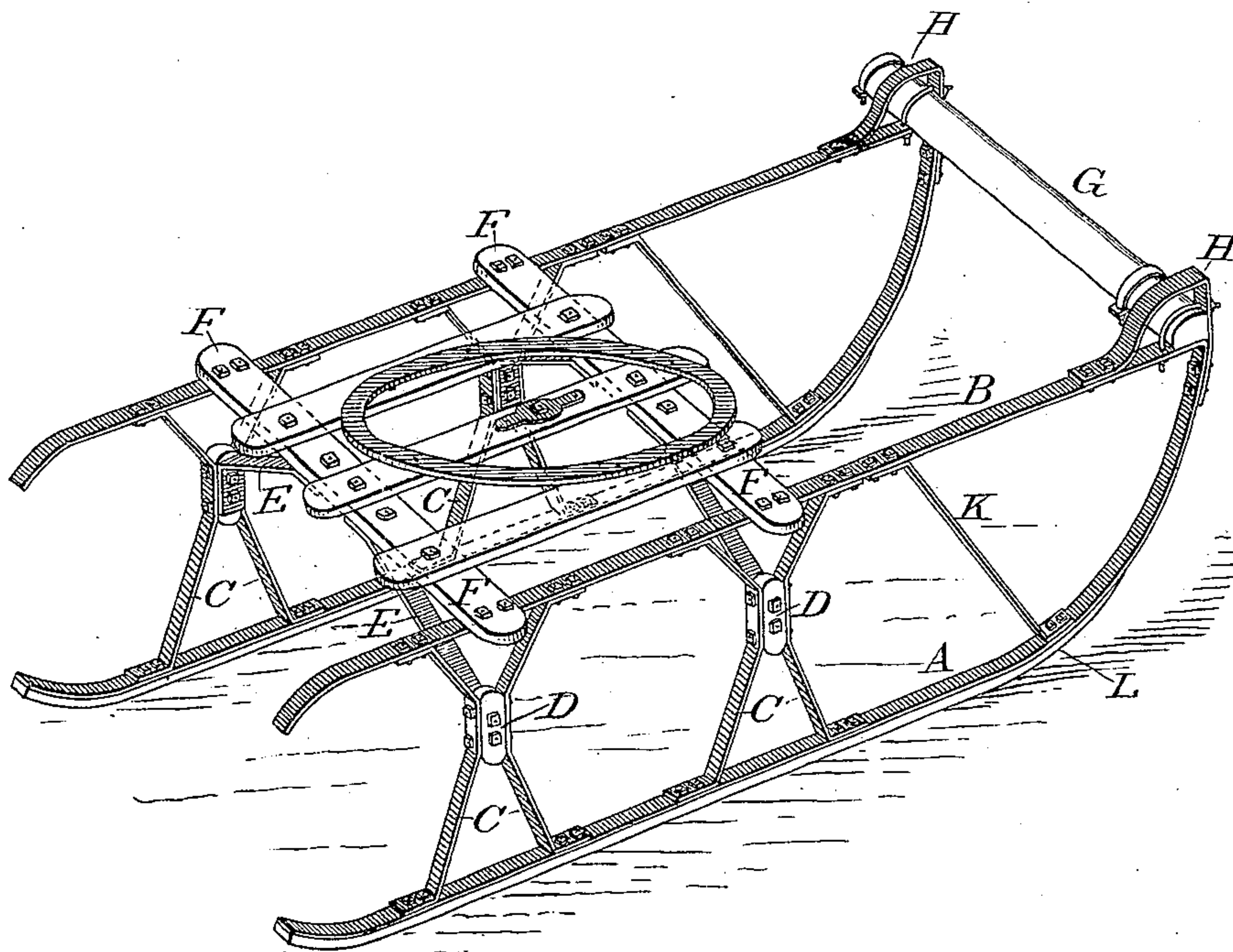
(No Model.)

W. D. BROOKS.

BOB SLEIGH.

No. 265,303.

Patented Oct. 3, 1882.



Witnesses:

Chas O Newton  
Geo Murray Jr

Inventor.

W D Brooks

# UNITED STATES PATENT OFFICE.

WILLIAM D. BROOKS, OF HOMER, NEW YORK.

## BOB-SLEIGH.

SPECIFICATION forming part of Letters Patent No. 265,303, dated October 3, 1882.

Application filed July 18, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, WM. D. BROOKS, a citizen of the United States, residing at Homer, in the county of Cortland and State of New York, have invented a new and useful Improvement in the Manufacture of Bob-Sleighs and other Carriages used on Runners; and I do declare that the following is a full and clear or exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

The drawing shows a perspective view of my improved bob-sleigh.

Heretofore bobs and other carriages running on runners have been made of wood for runner, rave, and knees, using iron for braces to strengthen the wood, thereby making them heavy and liable to break.

The object of my invention is to manufacture all kinds of sleighs at a less cost, more durable, stronger, (of same weight,) and less liable to need repairs, to which any common buggy shafts or pole can be attached. Platform wagon-bodies can be adjusted to bobs at a small expense. Shoes can be of steel or cast-iron.

To carry my invention into effect I make runner A, rave B, knees C, and braces E of Besse-

mer steel. Beams F, cross-bar G, and pieces between knees C (marked D) are of wood, as shown. To wood D braces are bolted, (marked E.) The cross-beams F are bolted to rave B. The braces E are bolted to the cross-beams F. The cross-bar G, to which shafts or pole is attached, is held in place by clips H, by loosening which the cross-bar G can be adjusted to use pole or shafts. The brace K receives the blow on runner at L when striking an obstruction.

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

1. The herein-described bob-sleigh, composed of Bessemer-steel runner A, rave B, knees C, and braces E, with wood beams, (marked F,) wood cross-bar G, and wood D, all constructed, combined, and arranged as shown.

2. The cross-bar G, held by clips H, which, when loosened, allow the cross-bar to be adjusted to use pole or shafts, all substantially as set forth.

WM. D. BROOKS.

Witnesses:

J. J. MURRAY,  
CHAS. O. NEWTON.