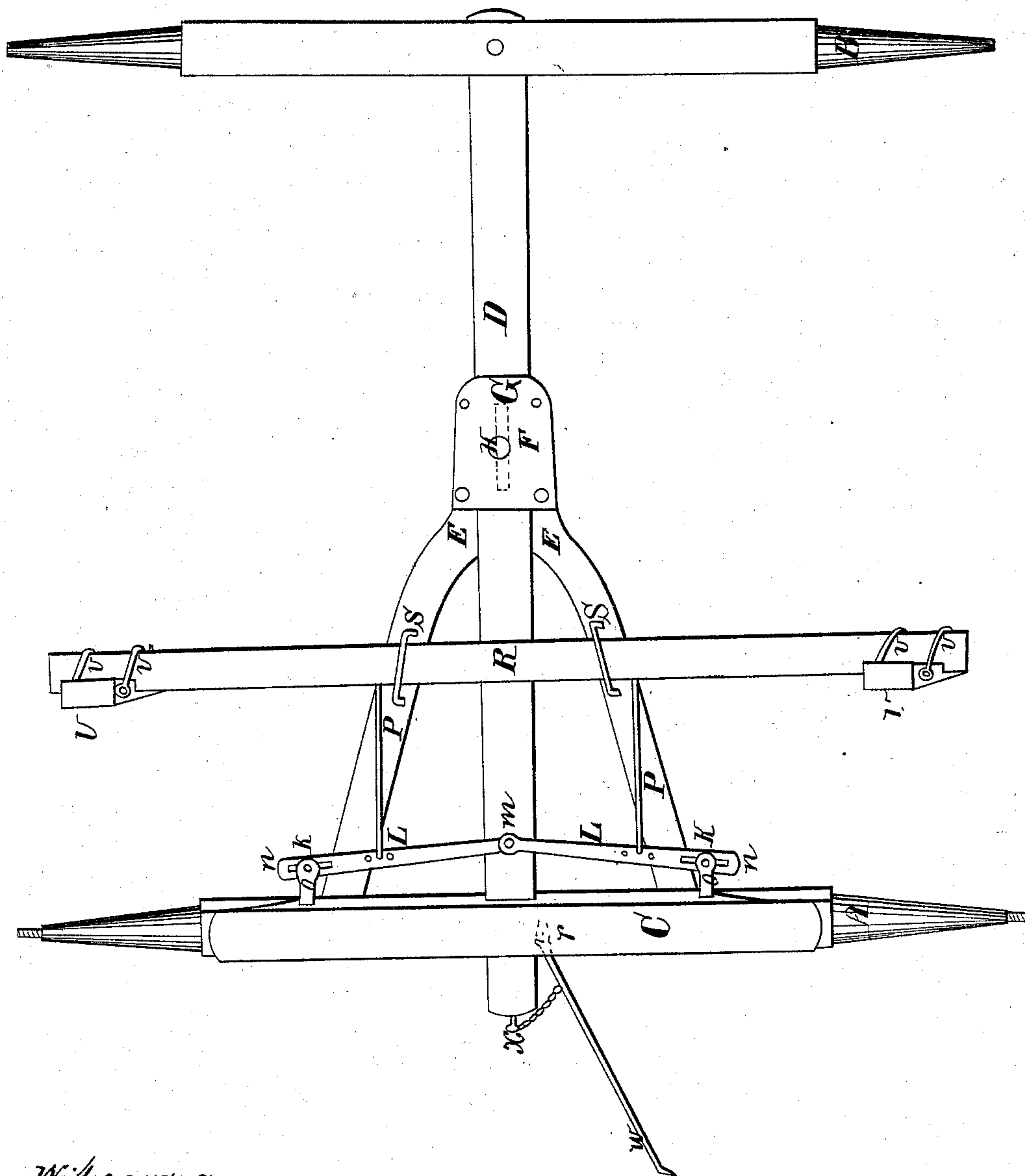


T. SERVICE.

Wagon-Brake.

No. { 1,082. }
 { 32,086. }

Patented Apr. 16, 1861



Witnesses
A. B. Richmond
W. M. Vaughn

Inventor;
Thomas Service

UNITED STATES PATENT OFFICE.

THOMAS SERVICE, OF UTICA, PENNSYLVANIA.

WAGON-LOCK.

Specification of Letters Patent No. 32,086, dated April 16, 1861.

To all whom it may concern:

Be it known that I, THOMAS SERVICE, of Utica, in the county of Venango, State of Pennsylvania, have invented a new and useful Self-Acting Wagon-Lock; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and the letters of reference marked thereon.

10 The figure is a top view of my invention with as much of the wagon represented as is necessary to explain my lock.

A, B, are the axles of the wagon, C the "hind-wheel" bolster.

15 F, is a plate of iron bolted on the "hounds" E, E, with a similar plate below, and so constructed that the reach, D, will slide between them the distance of the length of the slot, G, in the reach, D, through which a bolt H passes. The reach, D, also slides freely between the "bolster" C and the axle, A.

20 W, is a bar of iron hung in an eye bolt v,

in the axle C; in the end of the reach, D, is another eye bolt and chain X connected with 25 this bar of iron and of such a length that when the reach D is drawn forward and in drawing uphill the lock bar W will drag on the ground and when the wagon stops on a hill the lower end will catch in the ground 30 and thus prevent the wagon's running back; but as soon as the horses back the reach D is pushed back as aforesaid and by means of the chain X the bar W will be lifted up.

What I claim as my invention and desire 35 to secure by Letters Patent of the United States is—

The stop bar W in combination with the sliding reach, D, both constructed as described and operating together for the pur- 40 poses set forth.

THOMAS SERVICE.

Witnesses:

A. B. RICHMOND,
W. R. ROLE.