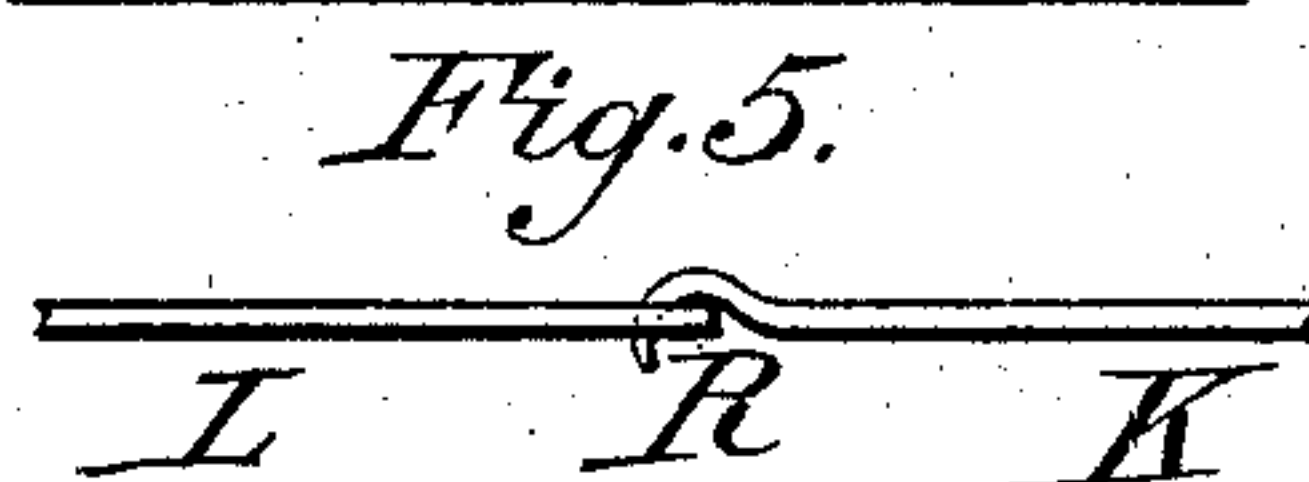
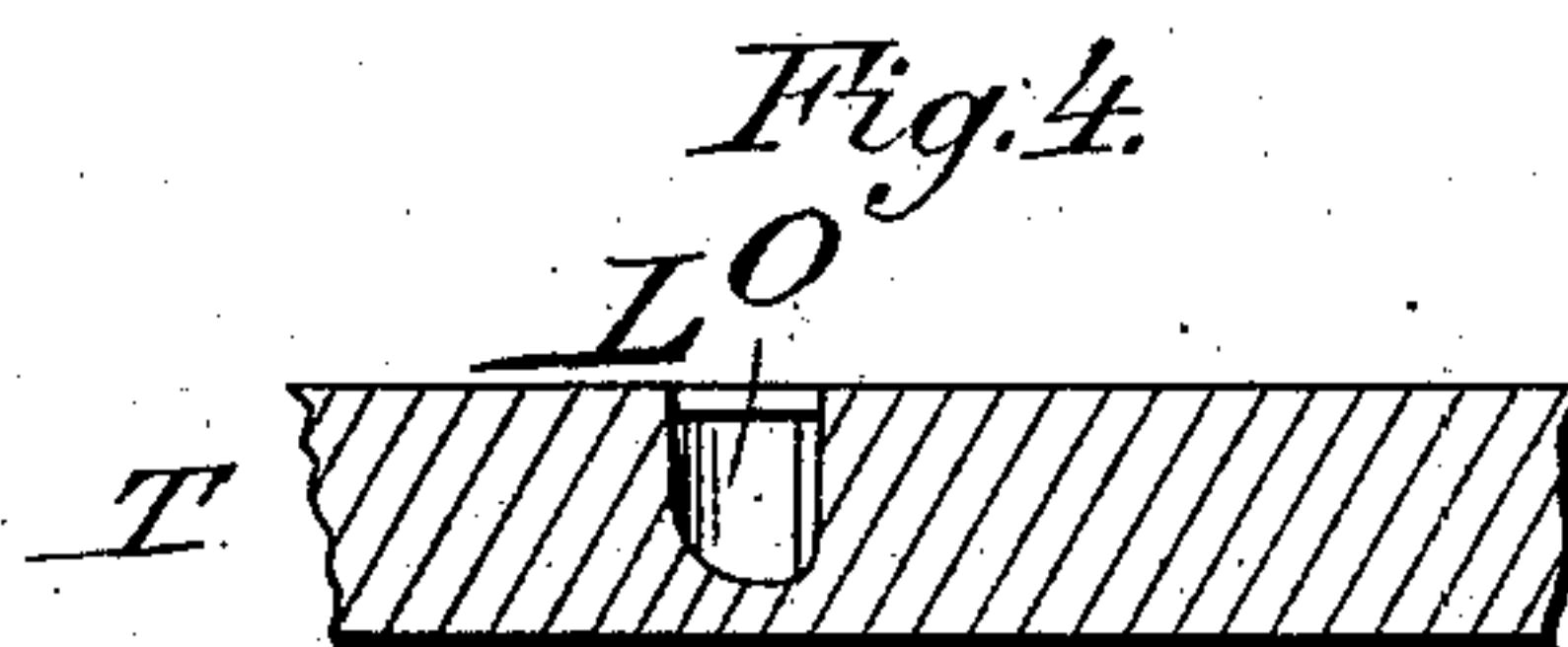
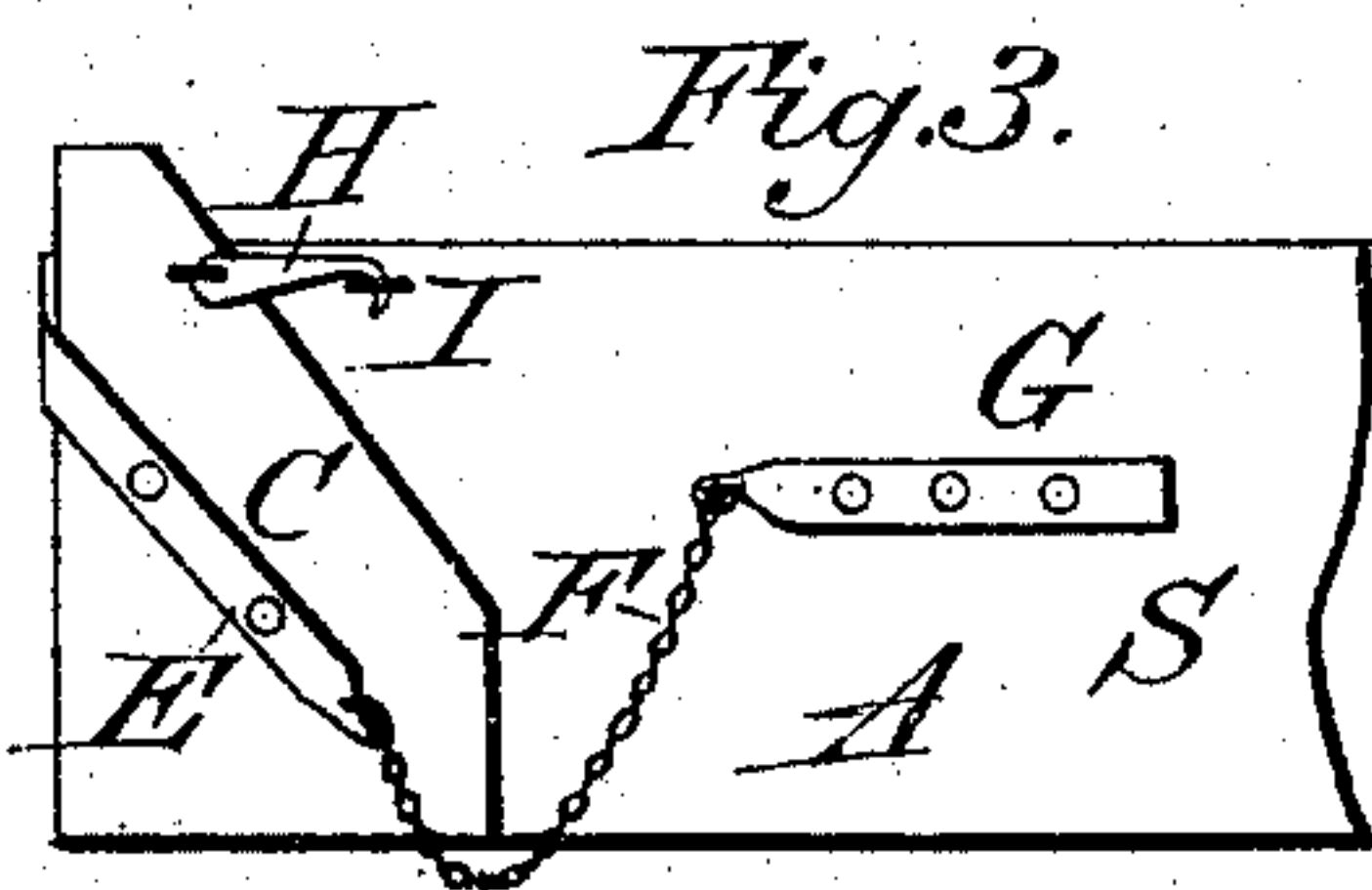
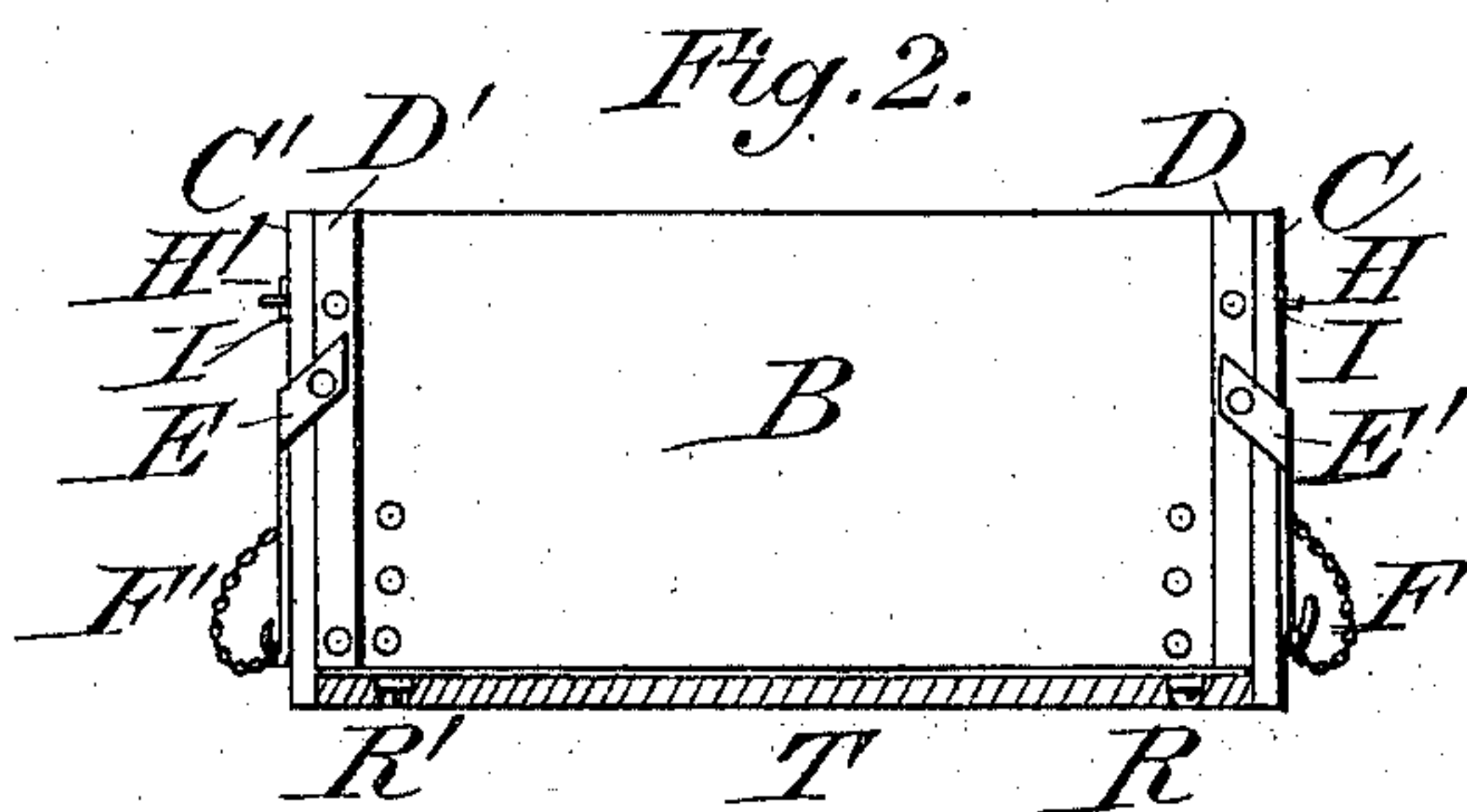
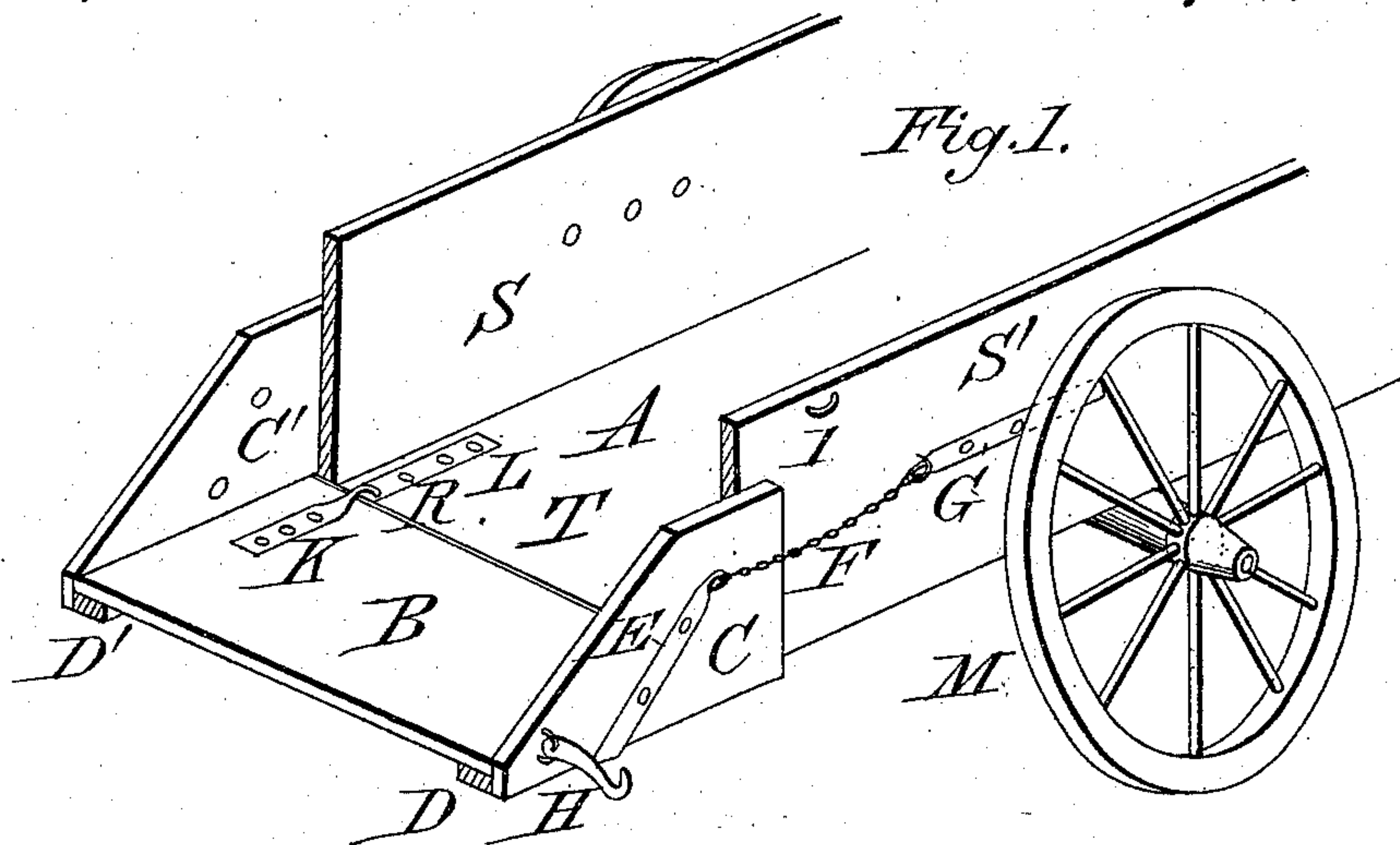


(No Model.)

E. SHAW.  
End Gate for Wagons.

No. 241,732.

Patented May 17, 1881.



Attest:

H. H. Schott  
Fred. E. Parker

Inventor:

Edmund Shaw  
Jr. J. C. Parker atty

# UNITED STATES PATENT OFFICE.

EDMUND SHAW, OF PEOTONE, ILLINOIS.

## END-GATE FOR WAGONS.

SPECIFICATION forming part of Letters Patent No. 241,732, dated May 17, 1881.

Application filed March 19, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, EDMUND SHAW, a subject of Great Britain, and resident at Peotone, in the county of Will and State of Illinois, United States of America, have invented a certain new and useful Improvement in End-Gates for Wagons, of which the following is a specification.

This invention relates to an adjustable and removable end-gate for wagons; and it consists in the construction and arrangement of parts, as hereinafter more fully set forth and claimed.

Figure 1 is a perspective view of my end-gate attached and in a lowered position. Fig. 2 is a rear view when elevated. Fig. 3 is a side view of the same; and Figs. 4 and 5 are details.

Similar letters of reference refer to like parts throughout the several views.

A represents an ordinary farm or road wagon provided with the ordinary wheels M and with my improved end-gate.

S and S' are the side-boards.

T is the bottom or floor of the wagon.

B is the end-board forming part of the gate. It is made the same length of the entire width of the wagon, and in height a little more than the wagon, or any height desired.

C C' are side pieces, made in the shape shown or any other suitable shape. These pieces are secured to the board B at its side ends by screws or nails, and to pieces D and D' by the bands E E'. The side pieces, C C', project a little beyond B until their ends are on a level with the pieces D D', as shown.

D D' are braces on B, extending across the board B from top to bottom, one on each end, fitting closely against the side pieces, C C', and connected thereto by bands E E'. They give strength to end-board B, and also serve as a support for the side pieces C C'.

E E' are iron bands bolted or riveted to side pieces, C C', and to braces D D'. The bands E E' are secured at one end to the braces D D', while their opposite ends are turned in the shape of a hook for the attachment of the chains F F'.

G is a flat iron band secured to the side of the

wagon by bolts or rivets. Its rear end is turned, forming a hook for fastening-chain F. There is one on each side of the wagon.

H H' are hooks secured by a staple to side pieces, C C', and catch or hook in staples or catches I I' on the outside of wagon-bed.

R is what I call my removable "hinge-connection." It is composed of the pieces K and L.

L is a flat brace or iron riveted to bottom T. It is provided with a hole or bearing for reception of the end of the band K.

K is a flat band of iron riveted to the end-board B, having its end bent in the hook shape, as shown in Fig. 5.

An offset or bearing, O, is arranged in the bottom of the wagon, under the opening in the brace L, and serves as a bearing for the hooked end of the band K.

F F' are chains to hold the end-gate in any position desired.

To lower the end-gate the hooks H H' are unhooked, when it may be lowered to a level with the floor of the wagon, and by means of the chains F F' may be placed or secured at any inclination, as desired; and if it becomes necessary for any reason to remove the end-gate this can be accomplished by simply unfastening the chains and hooks, the hinge-connection, as shown, allowing the end-gate to be removed and replaced at will.

I am aware that adjustable and detachable end-gates for wagons have been heretofore employed, and therefore do not claim the same, broadly; but,

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the floor T, having offset or bearing O and perforated brace L, the sides S S', having staples I I' and hooked bands G G', and the end-board B, provided with sides C C', and having hooked bars or bands K E, hooks H H', and chains F F', all constructed and arranged substantially as and for the purpose specified.

EDMUND SHAW.

Witnesses:

J. TAYLOR HAIR,  
J. F. BERRY.