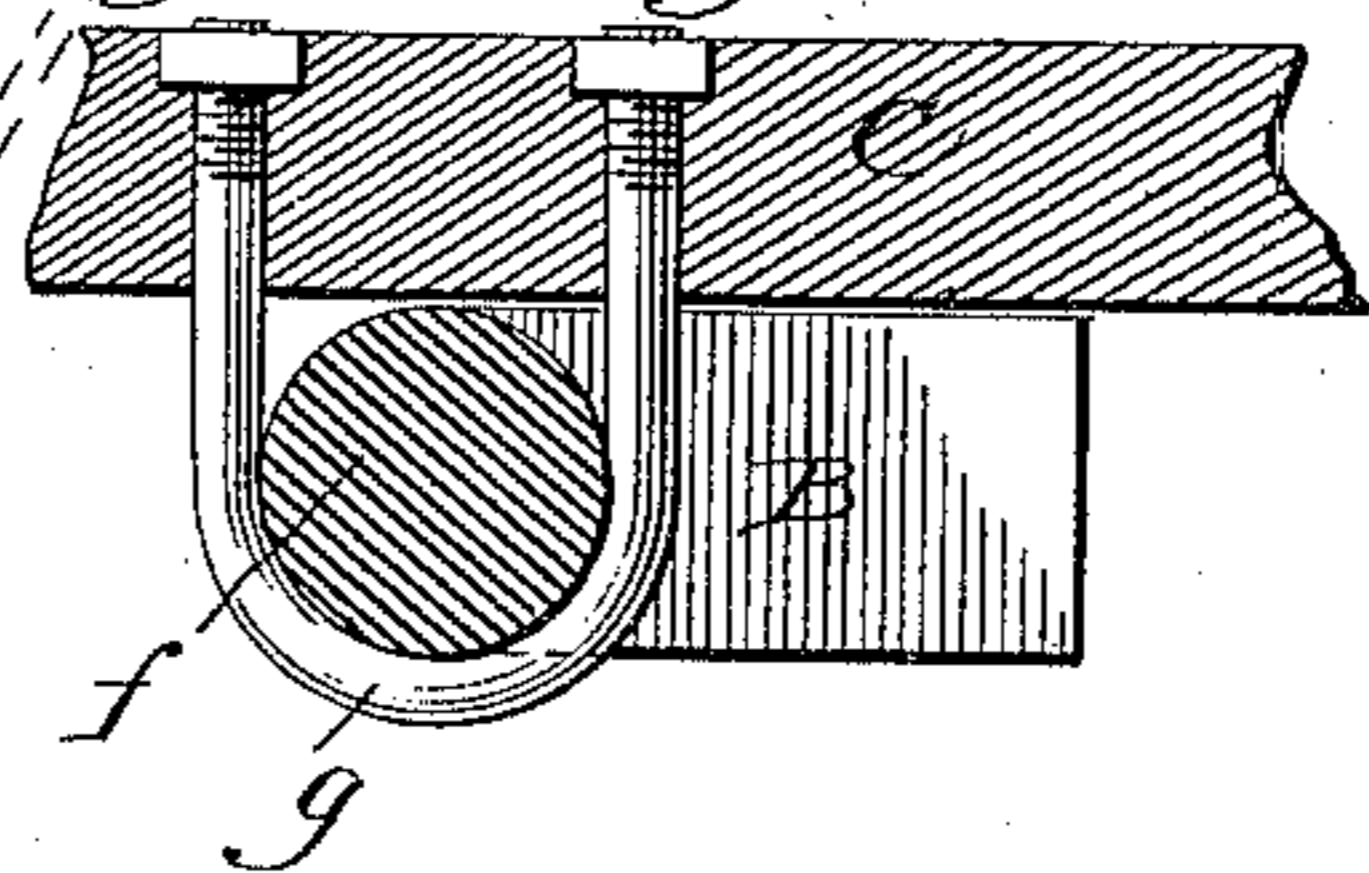
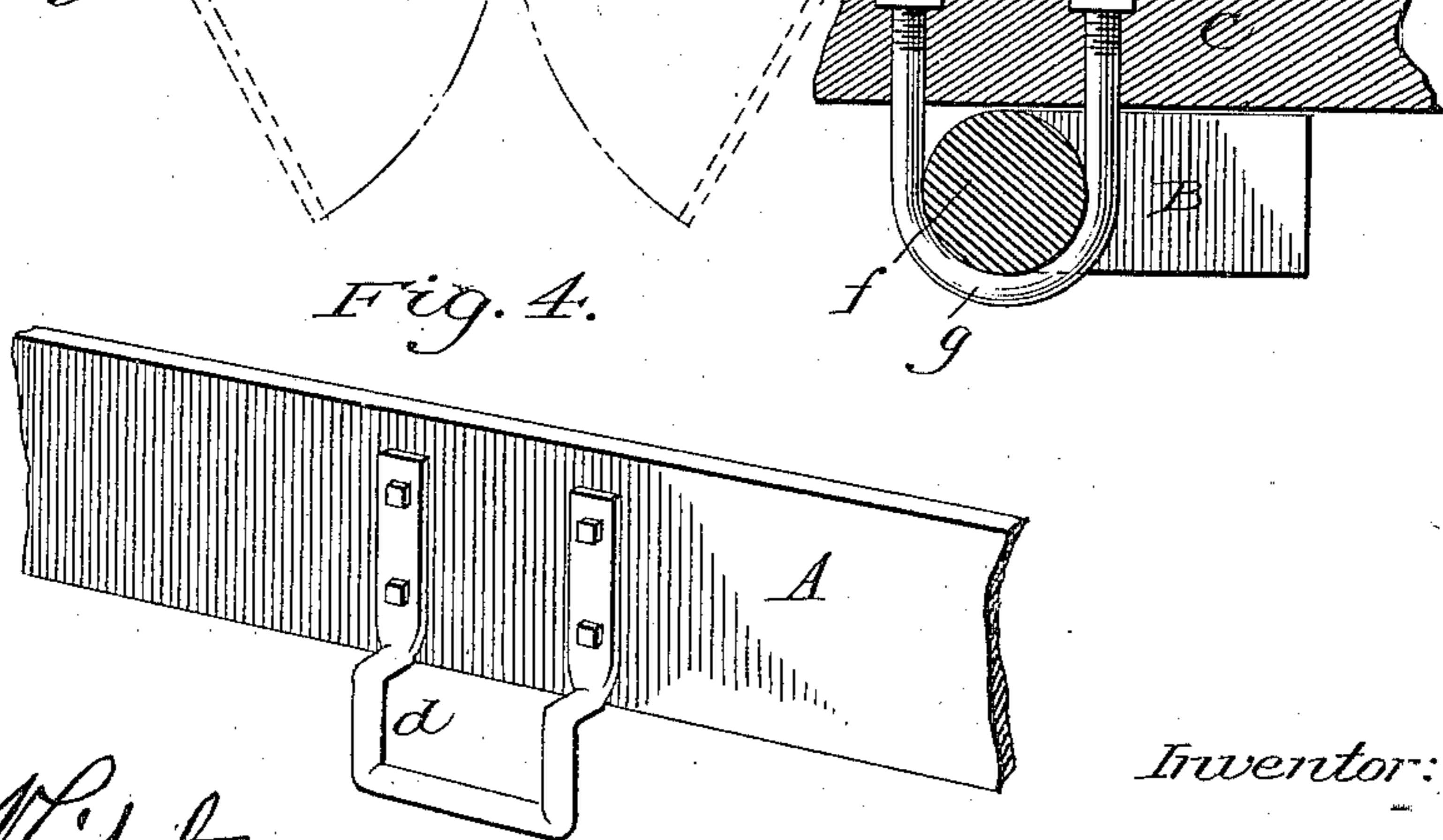
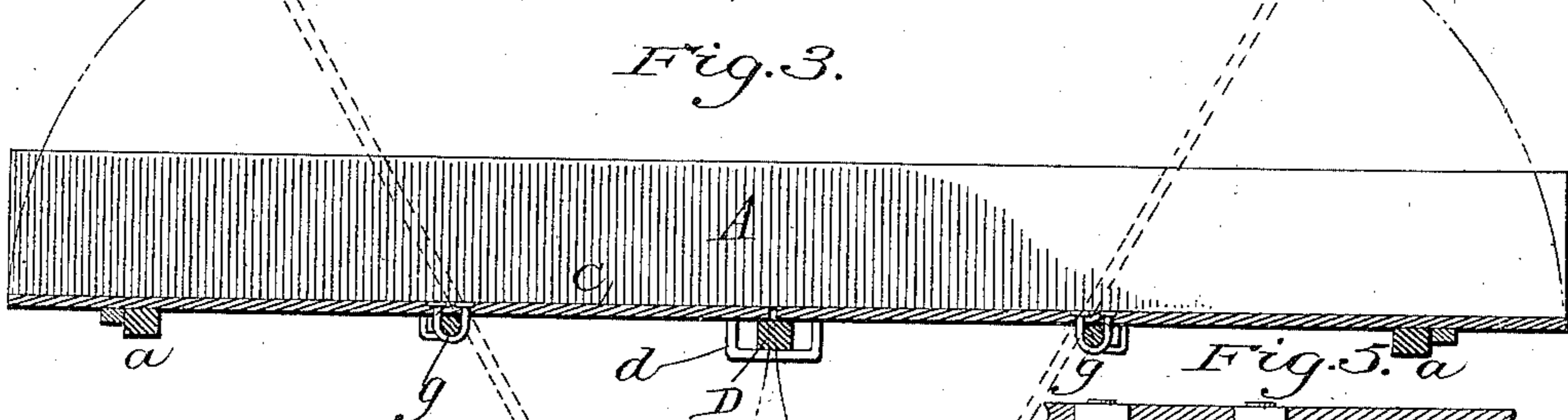
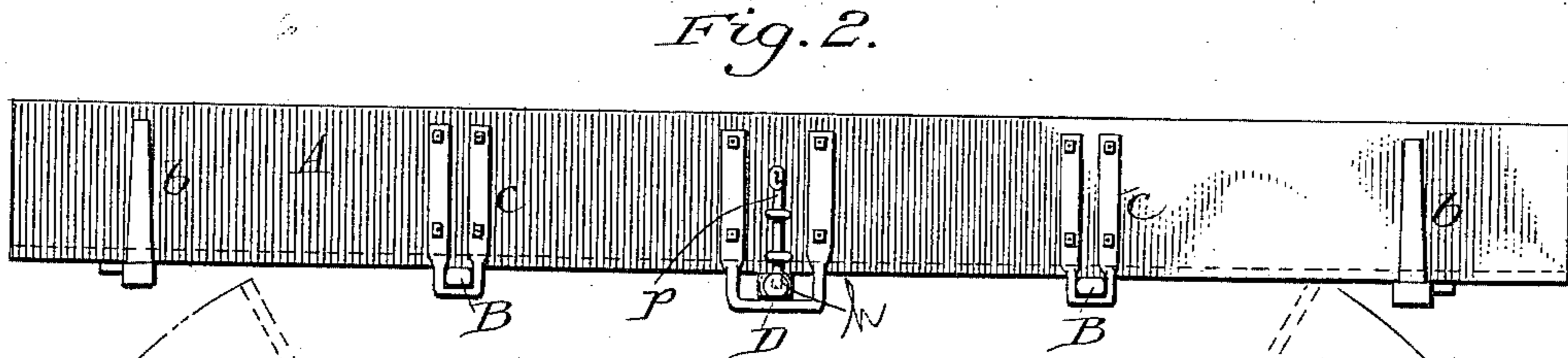
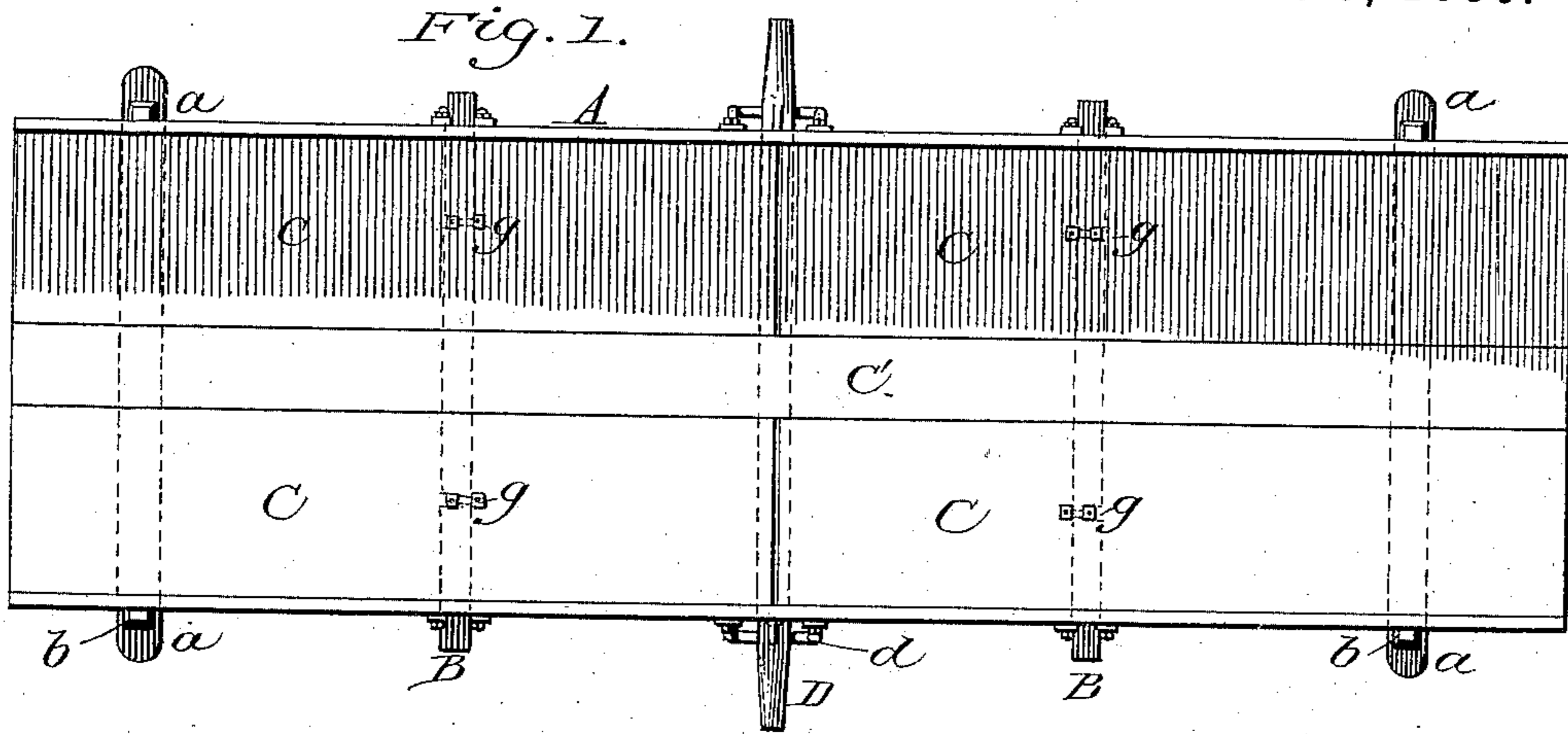


(No Model.)

S. H. NOTT.  
DUMPING WAGON.

No. 335,614.

Patented Feb. 9, 1886.



Witnesses:

Chauncey White  
Charles Wagner

Inventor:

Sampson H. Nott

# UNITED STATES PATENT OFFICE.

SAMPSON H. NOTT, OF HOLLAND, NEW YORK.

## DUMPING-WAGON.

SPECIFICATION forming part of Letters Patent No. 335,614, dated February 9, 1886.

Application filed August 24, 1885. Serial No. 175,234. (No model.)

*To all whom it may concern:*

Be it known that I, SAMPSON H. NOTT, a citizen of the United States of America, residing at Holland, in the county of Erie and State of New York, have invented new and useful Improvements in Dumping-Wagons, of which the following is a specification, reference being had to the accompanying drawings.

The object of this invention is to divide the bottom so as to dump part of the load in one place and part in another, and so on.

The invention will be understood by reference to the following description and claims:

In the drawings, Figure 1 is a top plan showing the bottom and its divisions; Fig. 2, a side elevation; Fig. 3, a side elevation in vertical cross-section; Fig. 4, a detail of stirrup attached to side board; Fig. 5, a detail showing part of bottom, cross-piece, and hinge.

A represents the side-boards setting on the two bolsters *a a* and held in place by the usual loops on the posts *b b*.

B B are two cross-bars under the bottom, the ends resting in metal stirrups *c c*, fastened to the side-boards.

C C C C are four separate pieces forming the wagon-bottom in connection with a single center board, *C'*, extending the whole length and setting between the boards. (See Fig. 1.)

The inner ends of the bottom pieces, *C*, meet in the center of the wagon, and rest on a dumping-bar, *D*, setting across and under the bottoms, its ends extending out from the sides *A* and resting in metal stirrups *d d*, which are much wider than the bar, as shown. At the other ends the bottom pieces rest on the bolsters *a a*.

The position of the cross-bars *B*, which are under the boards *C*, is nearer the center of the wagon than the ends of said wagon, so that when the boards are let down they will not only drop inward, but when the load is dumped will return to their original position, the other ends being the heaviest.

Each board is connected to the cross-bar beneath it by a kind of hinge, made by cutting a mortise in the (upper part of) bar, rounding it, as shown at *f*, Fig. 5, and passing around it a metal clip, *g*, the ends of the clip fastened in the bottom *C*. This rounding part *f* permits the bottom to turn easily, and when the dumping-bar is all pulled out all the boards drop.

It is often undesirable to drop a whole load—such as manure, &c.—all at once, and to drop or spread the load in different spots I make the dumping-bar *D* a double-pivot bar by having a pin or vertical bolt, *p*, attached to the side-boards, the end of each bolt setting into a corresponding hole, *h*, in the top of the end of the dumping-bar *D*. When this bolt is pulled upon one side only of the wagon and the bar *D* pushed to one side in the stirrup *d*, but one board *C* drops. Pushing the bar the other way (on same side) another board *C* drops. Then returning it to the center and putting the bolt *p* in its hole this side will act as a pivot. By drawing out bolt *p* on the opposite side and pushing the bar first one way and then the other the whole load is divided into four dumps. All this is done without expenditure of strength or trouble by merely pulling out a bolt, *p*, and pushing a bar, the bottom pieces returning to their level when cleared.

The whole can be easily lifted off the bolsters and posts *b b* and set away when the running-gear is desired for other uses.

The long center piece, *C'*, is to keep manure, &c., from lodging on the reach beneath. It is merely turned over to one side when the four bottom pieces have been dropped.

I do not claim, broadly, hinged bottoms in a dumping-wagon divided in the middle or a bar, as such are old.

I claim—

1. In a dumping-wagon, the hinged bottom pieces, *C C C C*, meeting in the center, in combination with the dumping-bar *D*, the wide side stirrups, *d d*, the pivot pins or bolts *p p*, and hole *h* in bar *D*, all arranged and operating substantially as specified.

2. In a dumping-wagon, the combination of the four bottom pieces, the central piece, *C'*, the two cross-bars *B B*, hinged to the bottoms *C*, the ends resting in side clips, *c c*, the double-pivoted dumping-bar *D*, the stirrups *d d*, bolts *p p*, and side-boards *A A*, all substantially as and for the purpose specified.

SAMPSON H. NOTT.

Witnesses:

CHAUNCEY WHITCHER,  
CHARLES WAGNER.