

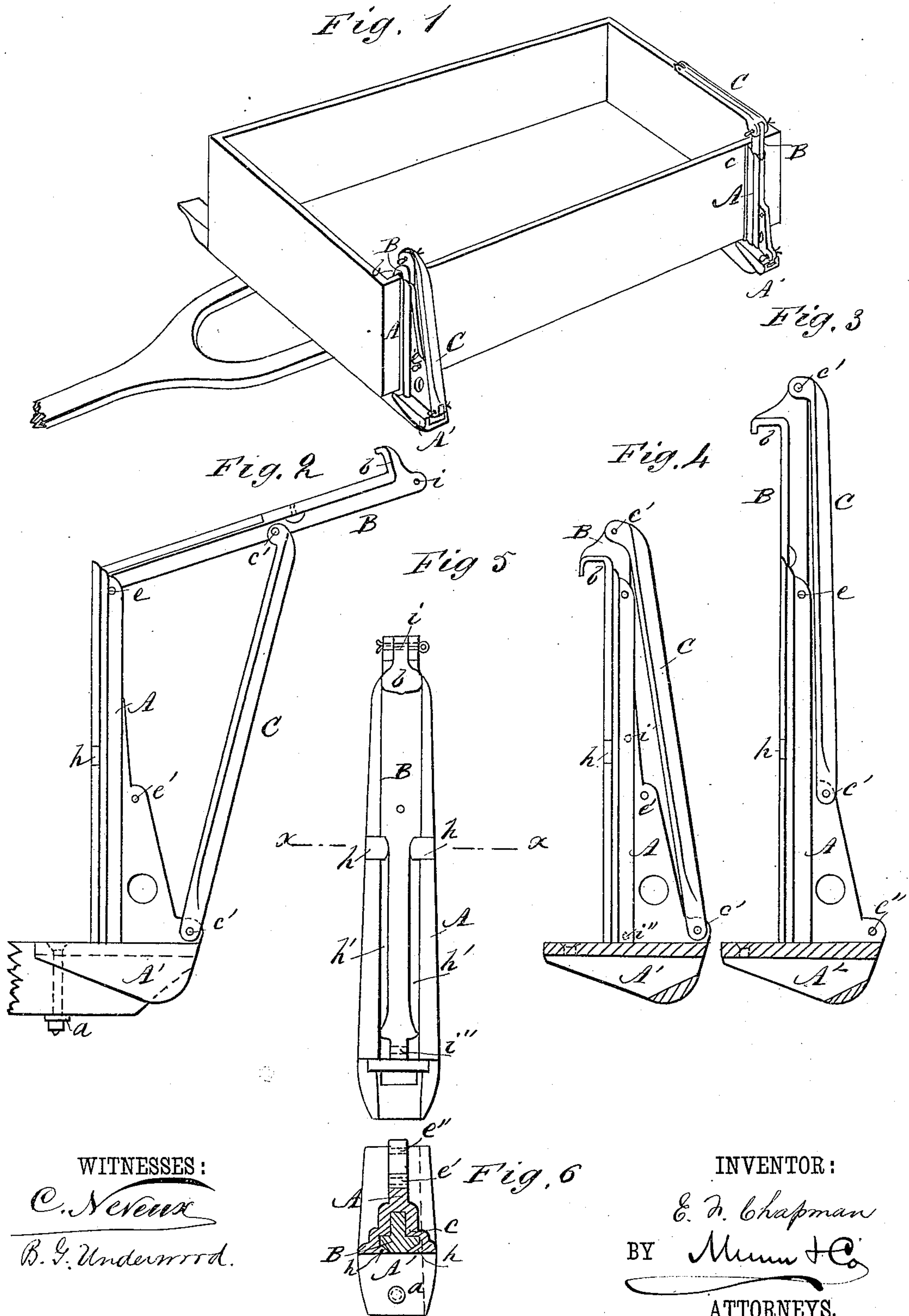
(Model.)

E. F. CHAPMAN.

WAGON STAKE.

No. 248,708.

Patented Oct. 25, 1881.



WITNESSES:

*C. Neveux*

*B. G. Underwood.*

INVENTOR:

*E. F. Chapman*

BY

*Munn & Co.*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

EUGENE F. CHAPMAN, OF SCRIBNER, NEBRASKA.

## WAGON-STAKE.

SPECIFICATION forming part of Letters Patent No. 248,708, dated October 25, 1881.

Application filed August 22, 1881. (Model.)

*To all whom it may concern:*

Be it known that I, EUGENE F. CHAPMAN, of Scribner, in the county of Dodge and State of Nebraska, have invented certain new and useful Improvements in Wagon-Stakes, of which the following is a specification.

My invention consists of a wagon-stake and attachment, which attachment may be arranged in various positions for supporting side-boards and racks, and for supporting a temporary cover for the wagon.

In the accompanying drawings, Figure 1 is a perspective view of front and rear bolsters and wagon-box, showing my improved stake, the forward stake being shown arranged for the ordinary box, the rear stake being shown arranged for supporting one-half of a temporary cover. Fig. 2 is a side view, showing the parts of the stake arranged for holding a rack. Fig. 3 is a side elevation, partly in section, showing the parts arranged for holding side-boards. Fig. 4 is also a side elevation, partly in section, showing the parts arranged for holding the ordinary wagon-box. Fig. 5 is a front elevation of the same, and Fig. 6 is a cross-section taken on the line *x x* of Fig. 5.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the stake proper, which is preferably formed with the shoe A' at the bottom for fitting upon the end of the bolsters, as shown in Fig. 1. This shoe extends a suitable distance in front of the face of the stake, so that the bottom of the wagon-box rests upon it and to permit the passage of the bolt *a* through this portion of the shoe and through the bolster for securing the stake firmly in place. Other means for securing the stake to the bolster might be devised; but this is the preferred means.

The upright portion A of the stake is chambered out, as shown at *c*, Fig. 6, for inclosing the vertically-movable extension or attachment B. This extension or attachment is formed at its upper end with the hook *b*, which fits over the edge of the box, as shown in Fig. 1, when the extension is wholly inclosed in the chamber *c* of the stake. The back of the extension is formed with the pivot-holes *i*, *i'*,

and *i''*, by means of which the same is adapted to be supported in various positions by the connecting rod or brace C, the ends of the connecting-rod being provided with the pivot-holes *c'* *c'*, and the back of the stake with the pivot-holes *e*, *e'*, and *e''*, for that purpose.

In order to hold the extension B for supporting a hay or straw rack, the extension should be entirely withdrawn from the chamber of the stake and the lower end of it keyed to the upper end of the stake, as shown in Fig. 2, the brace C being then keyed to the center of the extension and to the lower pivot-hole in the back of the stake. From this position, in order to adapt the extension for holding side-boards upon the box, it is only necessary to raise the brace C and key its lower end to the pivot-hole *e'* in the back of the stake, as shown in Fig. 3.

When the parts are to be arranged for supporting a temporary cover over the box or wagon the extension should be lowered into the chamber of the stake, and the upper end of the brace should be keyed to the upper end of the extension, and the body of the same turned horizontally over the box, as shown in Fig. 1, in which position it can be keyed to the end of the extension of the opposite stake, or supported upon a center piece placed upon the box. When the extension is lowered into the stake for holding the ordinary box it is held in that position by the brace being keyed to its upper end and to the lower pivot-hole in the stake, as shown in Fig. 4.

The extension B is held against lateral displacement from the chamber of the stake when in a vertical position and guided in its vertical movement in the chamber of the stake by means of the stops *h h*, secured in the front face of the stake, which are received in the grooves *h' h'*, formed in the extension, as shown in Fig. 5.

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

1. The combination, with the longitudinally-chambered stake A, of the sliding extension B and the brace C, substantially as and for the purpose set forth.



2. The combination, with the sliding extension B and brace C, of the longitudinally-chambered stake A, provided with the shoe A', substantially as and for the purpose set forth.

5 3. The combination, with the longitudinally-chambered stake A, provided with the shoe A' and the pivot-holes *e e' e''*, of the sliding extension B, provided with the hook *b* and the

pivot-holes *i i' i''*, and the brace C, provided with the pivot-holes *e' e'*, substantially as and for the purpose set forth. 10

EUGENE F. CHAPMAN.

Witnesses:

IRA SIMONS,

C. M. ARMBRUSTER.