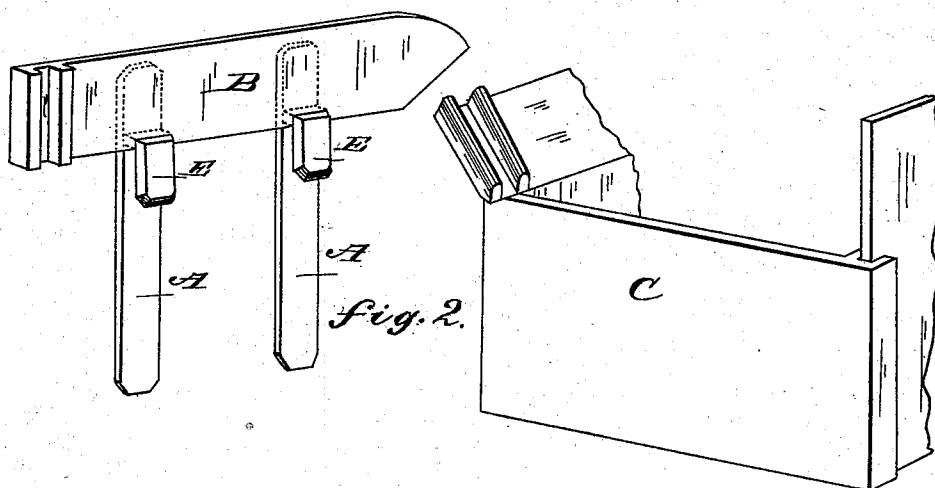
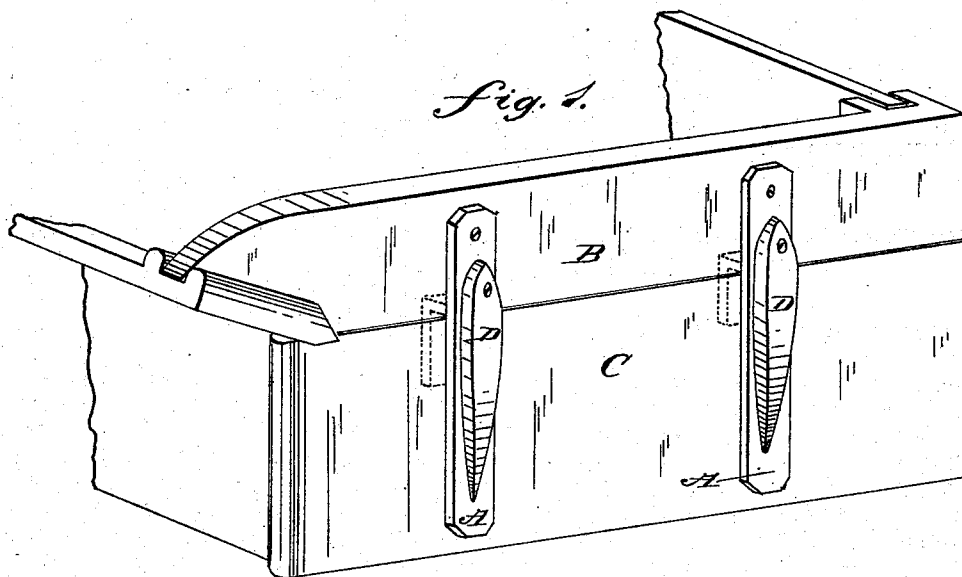


(Model.)

L. RAKOW.
WAGON BOX STAKE.

No. 268,531.

Patented Dec. 5, 1882.



WITNESSES:

Chas. Deyer
C. Sedgwick

INVENTOR:

L. Rakow
BY *Mum & Co.*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

LOUIS RAKOW, OF ELMHURST, ILLINOIS.

WAGON-BOX STAKE.

SPECIFICATION forming part of Letters Patent No. 268,531, dated December 5, 1882.

Application filed June 21, 1882. (Model.)

To all whom it may concern:

Be it known that I, LOUIS RAKOW, of Elmhurst, in the county of Du Page and State of Illinois, have invented a new and Improved Wagon-Box Stake, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved stake for holding the upper or removable box of the wagon on the lower box, and by means of which stake the removing and replacing of the upper box is greatly facilitated.

The invention consists of a stake having on its inside a hooked projection, and re-enforced or braced on its outside, substantially as hereinafter more fully set forth and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a perspective view of an upper and lower wagon-box, showing them held together by means of my improved stakes. Fig. 2 shows the top and bottom box detached, and also shows the inner surfaces of the stakes.

The invention consists of a flat bar, A, of metal, which is secured to the outer surface of the side-boards B, of the upper box, and extends downward a greater or less distance, according to the height of the side-boards C of the lower box. These bars A are re-enforced or strengthened by a longitudinal rib or ridge, D, projecting from the outer surface and made integral with or secured on the stake. A hook, E, projects from the inner surface of the stake or bar A, and the distance between the inner surface of the hook-shank and the inner surface of the stake or bar A is equal to the thickness

of the side-board C of the bottom or fixed box. The side-board B of the upper or removable box is provided with notches in the lower edge, into which the cross-pieces of the hooks E pass, so that the lower surface of the cross-piece of the hooks E will be flush with the lower edge of the side-board B, so that when the top box is placed on the lower box the edges can rest flat on each other and can form a close joint. This stake is to be used mainly on farm-wagons on which an additional box is placed on the wagon-box for the purpose of increasing the capacity of the latter. Such boxes have heretofore been held in place by the ordinary stakes, which are fastened to the upper box and pass through staples or loops on the lower box, or vice versa. My improved stake is much stronger and more durable than the above-mentioned stakes, and has the great advantage that no staples are required to hold it in place, whereby removing and replacing the upper box is materially facilitated, as a box which is held by stakes passing into staples must be raised simultaneously at both ends, which is not necessary if my improved stake is used.

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

As a new article of manufacture, the wagon-box stake consisting of the re-enforced or braced plate A, provided on its inside with a hooked projection, E, all made in one piece, as shown and described.

LOUIS RAKOW.

Witnesses:

WM. H. LITCHFIELD,
OTTO F. STANGE.