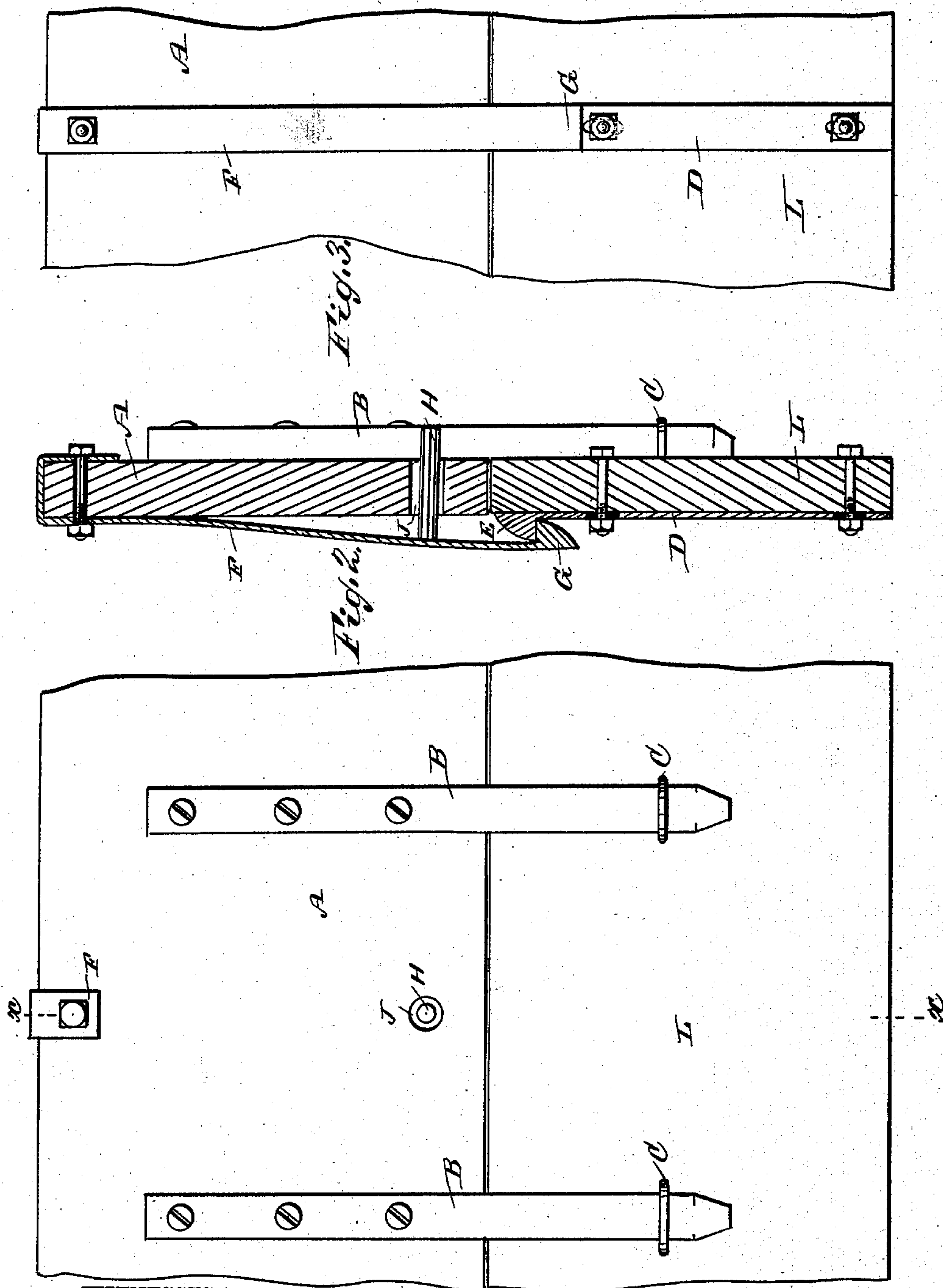


(No Model.)

J. A. JONAS.  
WAGON BOX FASTENER.

No. 322,184.

Patented July 14, 1885.



WITNESSES:

*Thos. G. Hoston*  
*W. Sedgwick*  
*Fig. 1.*

INVENTOR:

*J. A. Jonas*  
BY *Munn & Co*  
ATTORNEYS.



# UNITED STATES PATENT OFFICE.

JOHN A. JONAS, OF RESERVE, KANSAS.

## WAGON-BOX FASTENER.

SPECIFICATION forming part of Letters Patent No. 322,184, dated July 14, 1885.

Application filed May 16, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN A. JONAS, of Reserve, in the county of Brown and State of Kansas, have invented a new and Improved Wagon-Box Fastener, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved fastener for holding the false or top box on the ordinary or bottom box of a wagon.

The invention consists in the combination, with a wagon-box and a false box, of the usual stakes, projections on the bottom box, spring-straps having hooks on the false or upper box, and of pins projecting from the stakes through apertures in the false box.

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 all the figures.

Figure 1 is an outside view of my improved box-fastener. Fig. 2 is a cross-sectional view of the same. Fig. 3 is an inside view of the same.

On the outer surface of the false box A the stakes B are secured, which project from the bottom edge of the false top, and have their lower ends tapered, which lower ends are passed through staples C on the outer surface of the bottom box, L, the bottom edges of the false box A resting on the bottom box.

On the inner surface of each side or each side and end piece of the bottom box, L, an upright metal bar, D, is secured, at the upper end of which a head, E, is formed, the top of which head is rounded or beveled. A spring-metal strap, F, is secured on the inside of the false box A above each bar D, is bent over the top edge of the false box and then downward on the outside, and has a beveled or rounded hook, G, on its lower end, and which hook is adapted to engage the head E of the corresponding bar D. A pin, H, projects from the spring-strap F, near its lower, end through an aperture, J, in the false box, the outer end of

the pin projecting from the outer surface of the false box. One or more of the said fastenings may be secured on each side or end of the box. When the false box is placed upon the bottom box, the beveled hooks G slide over the heads E and catch on them, thus locking the false and bottom boxes together. As the spring-fastener is on the inside, it is tightened by the pressure of the load against the false box. The load presses the false box outward and presses the hook G against the head E.

To unlock the fastening, the pin H is pressed inward and the hook G and head E are disengaged.

In place of the heads E and the bars D, other projections may be provided.

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

1. The combination, with a wagon-box having bars provided with heads on the upper end on the inner surface, of the box and of a false box having spring-straps provided at their lower ends with hooks which can catch on the heads on the rods of the box, substantially as herein shown and described.

2. The combination, with the wagon-box L and the false box A, of the heads or projections E on the box L, the spring-strap F, having a hook, G, and secured on the false box, and of the pin H, projecting from the spring-strap F through an aperture in the false box, substantially as herein shown and described.

3. The combination, with the wagon-box L and the false box A, of the staples C, the stakes B, the bar D, having a head, E, the spring-strap F, having a hook, G, and of the pin H, projecting from the strap F through an aperture in the false box A, substantially as herein shown and described.

JOHN A. JONAS.

Witnesses:

JAC. REASONER,  
J. C. WATSON.