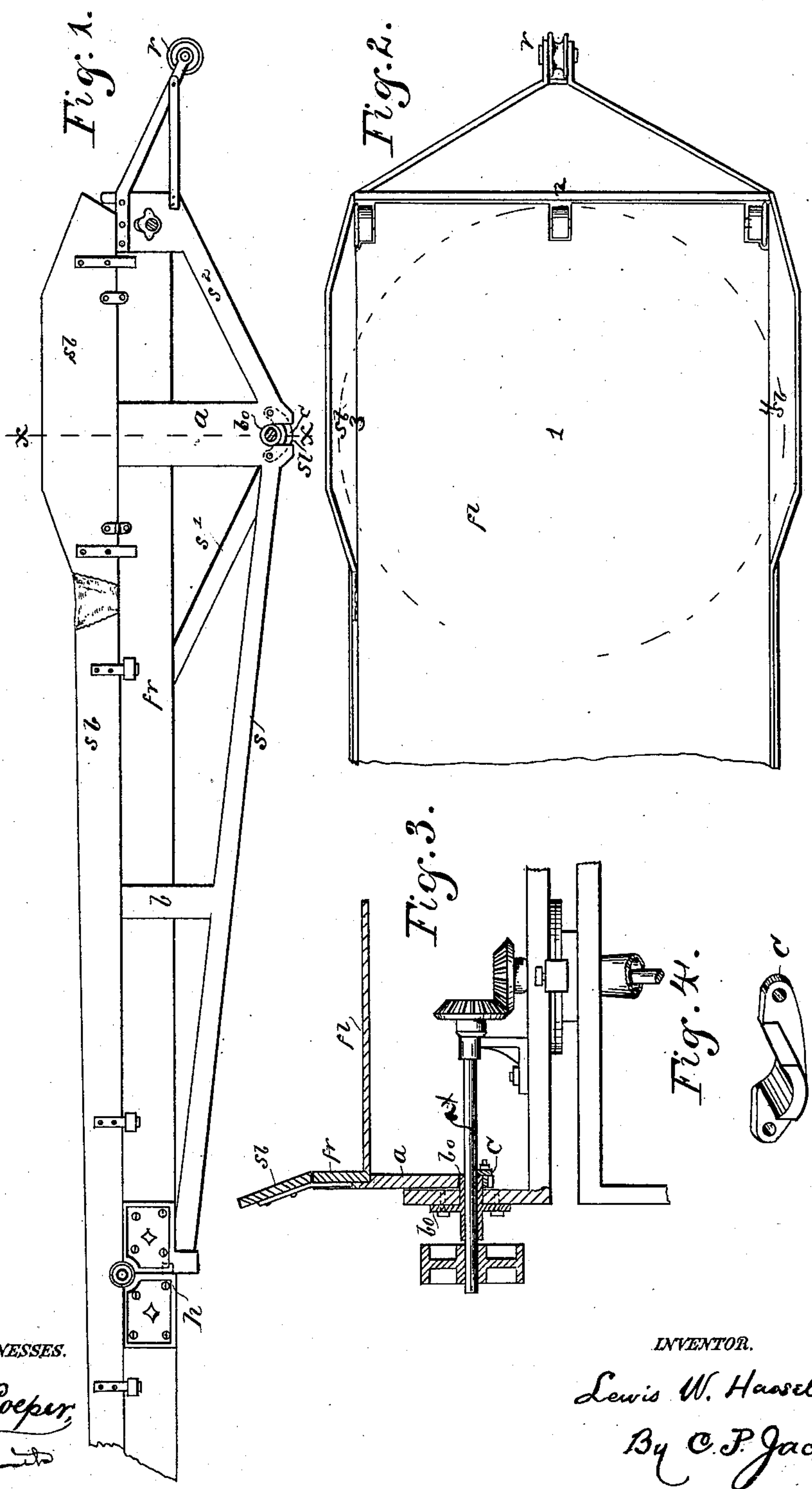


(No Model.)

L. W. HASSELMAN.
STRAW CARRIER.

No. 299,537.

Patented June 3, 1884.



WITNESSES.

Jacob W. Looper,
W. S. S. S.

INVENTOR.

Lewis W. Hasselman
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Atty.

UNITED STATES PATENT OFFICE.

LEWIS W. HASSELMAN, OF INDIANAPOLIS, INDIANA.

STRAW-CARRIER.

SPECIFICATION forming part of Letters Patent No. 299,537, dated June 3, 1884.

Application filed November 5, 1883. (No model.)

To all whom it may concern:

Be it known that I, LEWIS W. HASSELMAN, a resident of Indianapolis, Indiana, have made certain new and useful Improvements in Straw-Carriers, a description of which is set forth in the following specification, reference being made to the accompanying drawings, in the several figures of which like letters indicate like parts.

My invention relates to the construction of the straw-carrier for a straw-stacker and the mechanism for tilting and securing the same, and will be understood from the following description.

In the drawings, Figure 1 represents a side view of my device; Fig. 2, a top view, looking down upon the carrier, the dotted line showing the path of the rear end of the carrier in its rotation. Fig. 3 is a vertical cross-section on the line $x x$, Fig. 1. Fig. 4 is a view of the lower cap of the boxing.

In detail, fr is the carrier-frame, having side boards, sb , hinged at h to a forward section, for folding up. $s s' s^2$ are struts for strengthening and supporting the frame. b is a brace; ax , the shaft on which the arm a is adapted to tilt, this shaft having a boxing, bo , constructed, as shown in Fig. 3, with an under cap, c , as shown in Fig. 4. This cap c , being easily removed, is preferable to a solid boxing. The strut s fits into a socket formed under hinge h , and may be connected at the other end with arm a ; or the latter may be dispensed with and struts s and s^2 joined to form a bearing for shaft ax ; or struts $s' s^2$ may be joined to form such bearing; but I prefer the construction herein shown.

The carrier is pivoted at such a point, 1, that the distances 1 to 2, 1 to 3, and 1 to 4 are substantially the same, and this prevents any opening being left on either side as the carrier is revolved, through which straw may fall downward; or, in other words, the carrier is so pivoted as to catch all the straw that comes from the separator, even while revolving, or while fixed at any point of its revolution. This I regard as a great advantage. The carrier is revolved by mechanism similar to that shown in my stacker patented July 3, 1883, Reissue No. 10,347, and a part of it is shown connected in Fig. 3.

What I claim, and desire to secure by Letters Patent, is the following, viz:

1. The straw-carrier frame fr , the tilting arm a , connected by struts $s' s^2$ to the frame, the boxing bo , cap c , and shaft ax , all combined substantially as described.

2. The straw-carrier frame fr , tilting arm a , mounted on shaft ax , boxing bo and cap c , struts $s s' s^2$, and brace b , all combined substantially as described.

3. The carrier-frame fr , tilting arm a , shaft ax , boxing bo , cap c , hinge h , and struts s^2 and s , the latter fitting into a socket formed under the inner part of hinge h , all combined substantially as described.

In witness whereof I have hereto set my hand this 30th day of October, 1883.

LEWIS W. HASSELMAN.

Witnesses:

C. P. JACOBS,
F. M. CROUSE.