

E. TARRANT.
Lumber-Carriers.

No. 149,421.

Patented April 7, 1874.

Fig. 1

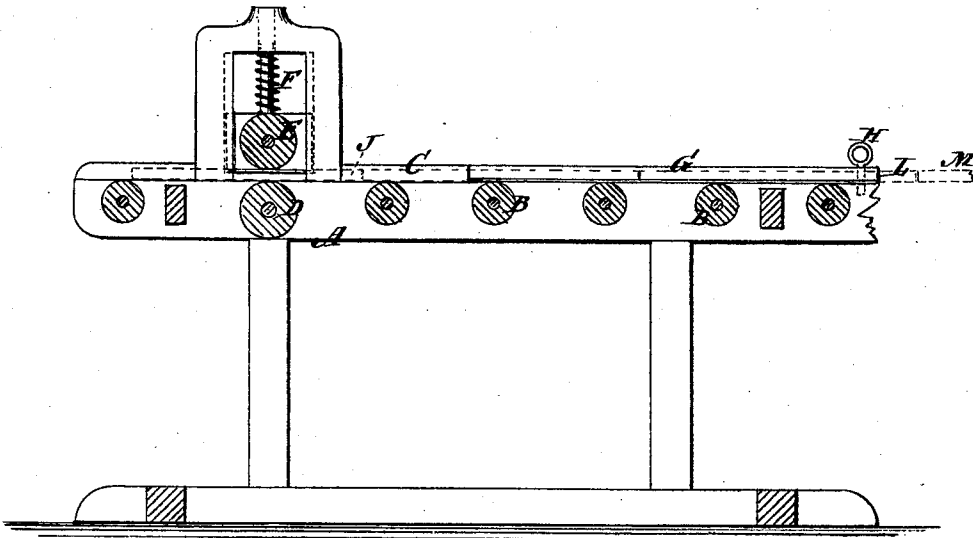
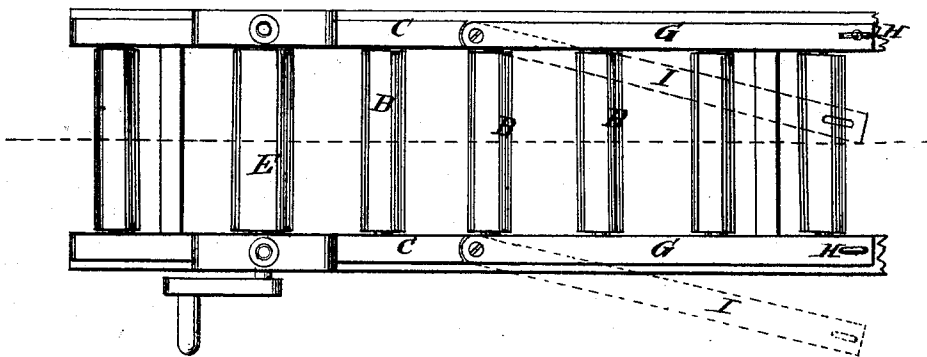


Fig. 2.



WITNESSES.

E. Woff
Seaguer

INVENTOR.

E. Tarrant

BY

Wm. H. H.

ATTORNEYS.

UNITED STATES PATENT OFFICE

ESAU TARRANT, OF MUSKEGON, MICHIGAN.

IMPROVEMENT IN LUMBER-CARRIERS.

Specification forming part of Letters Patent No. **149,421**, dated April 7, 1874; application filed January 5, 1874.

To all whom it may concern:

Be it known that I, ESAU TARRANT, of Muskegon, in the county of Muskegon and State of Michigan, have invented a new and Improved Lumber-Carrier, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claim.

Figure 1 is a longitudinal sectional elevation of my improved lumber-carrier, taken on the line *xx*, Fig. 2; and Fig. 2 is a plan view.

A represents a frame for supporting the way, which, in this example, is composed of the rollers B, forming the bottom, and the sides C, forming the guides. D and E represent the rollers for moving the lumber along the way. Like the feed-rollers of a lumber-dressing machine, the lower one is in fixed bearings, and the upper one is in bearings capable of moving up and down, and has springs or weights F, for pressing it on the boards with the requisite force to cause the necessary friction for forcing the boards along. The carrying-rollers are near the receiving end of the way, so that the attendant who places the boards upon it may shove each one into the space between them, to allow them to lay hold

of it for forcing it along. G represents portions of the side guides pivoted to the frame at the ends nearest the rollers, and temporarily fastened at the other ends, say by pins or buttons H, to be shifted either way, as indicated by the dotted lines I, for throwing the boards off the way at any required point.

It will be seen that the board J (shown dotted) passing between the rollers will be pushed against the one, L, ahead of it, and that one against the one, M, ahead of it, and so on to any extent, so that they can be carried by this plan to any distance that may be required in and about mills, lumber-yards, wharves, &c., for which the apparatus is mainly intended, without extending the operating mechanism beyond the two rollers.

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

The combination of shunting-guides G with the way and the rolls for moving lumber, in the manner described.

ESAU TARRANT.

Witnesses:

DAVID D. ERWIN,
D. C. McLAUGHLIN.