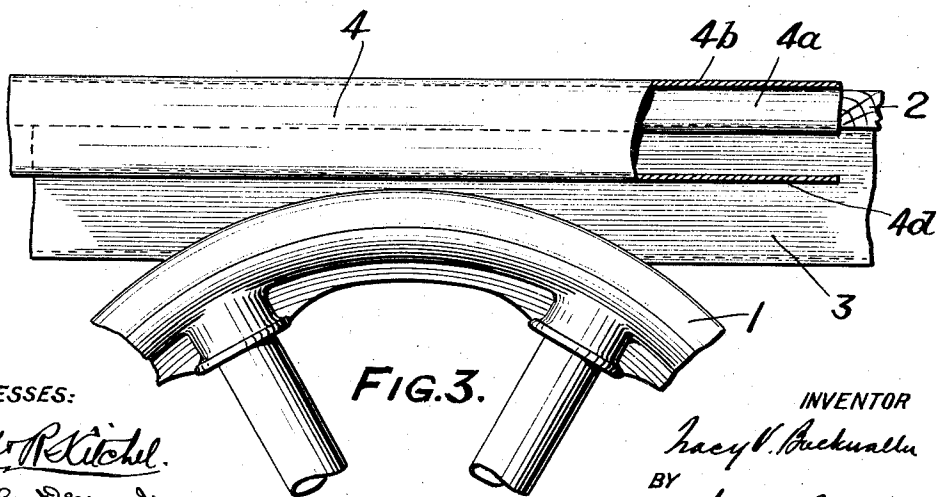
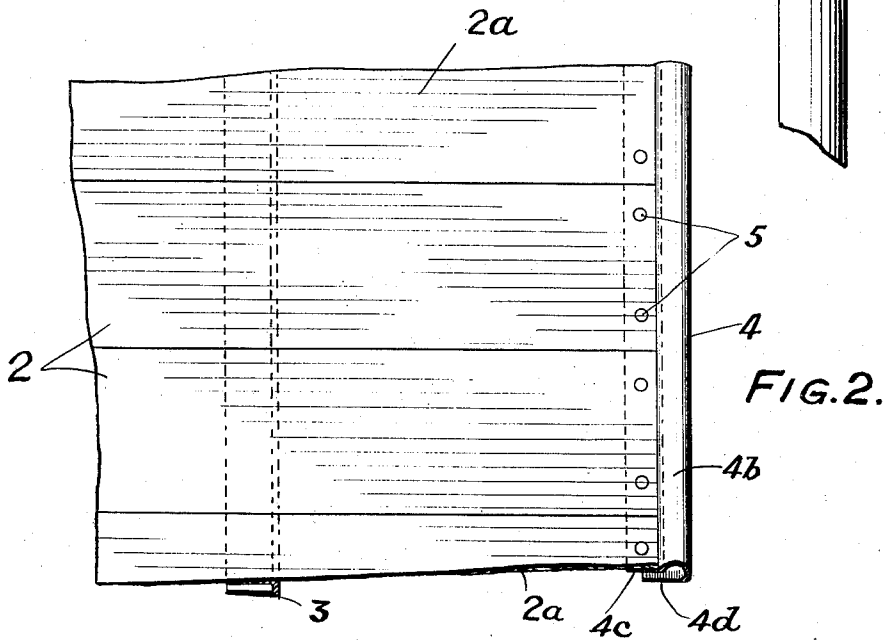
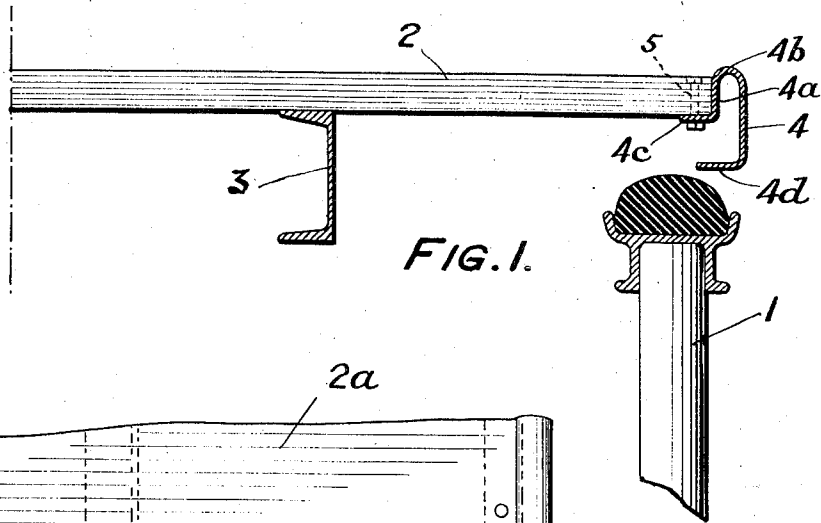


T. V. BUCKWALTER.
METAL SHAPE.
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1,007,845.

Patented Nov. 7, 1911.



WITNESSES:

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TRACY V. BUCKWALTER, OF ALTOONA, PENNSYLVANIA.

METAL SHAPE.

1,007,845.

Specification of Letters Patent.

Patented Nov. 7, 1911.

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To all whom it may concern:

Be it known that I, TRACY V. BUCKWALTER, a citizen of the United States, residing at Altoona, in the county of Blair and State of Pennsylvania, have invented certain Improvements in Metal Shapes, of which the following is a specification.

My invention is a metal shape designed primarily for supporting and protecting the ends of platform boards, particularly the boards of a baggage truck platform. Its specific purposes are to protect while holding the ends of truck platform boards together in a plane, to provide resistance to bending forces applied from various directions, to obtain the necessary strength while securing room for wheel clearance in a baggage truck, and to facilitate the loading and removal of baggage therefrom.

The characteristic features of my improvements are disclosed in the following description and the accompanying drawings in illustration thereof.

In the drawings, Figure 1 is a sectional elevation of parts of a wheel and truck platform having my improved iron attached thereto; Fig. 2 is a plan view of the construction shown in Fig. 1; and Fig. 3 is a sectional side elevation of the construction shown in Figs. 1 and 2.

The drawings represent parts of a truck's traction wheel 1 and platform 2 resting on the beam 3 and having my improved shape or iron applied to a side thereof. The iron comprises the web member 4, the parallel web member 4^a connected therewith by the bent portion 4^b, the flange 4^c extending at right angles from the web member 4^a and the flange 4^d extending at right angles from the web member 4. The members 4^a and 4^c engage the lateral edge and bottom of the platform 2 comprising the boards 2^a, which have their ends secured to the iron in any suitable manner, as by the bolts 5. The part 4^b, which connects the tops of the parts 4 and 4^a, extends sufficiently above the upper surface of the platform to act as a guard, for preventing articles from being shaken therefrom, while providing a desired rounded surface for facilitating the removal or loading of trunks and the like on the truck platform. The parts 4 and 4^a provide ample strength for resisting bend-

ing due to weights bearing upon the iron directly or through the platform, and the parts 4^c and 4^d, with 4^b, provide ample strength for resisting blows or bending forces applied laterally to the iron.

The beam thus formed, being applied to and extending above the ends of the boards, gives greater clearance for the wheels because it has the necessary depth for providing the desired bending resistance without using the space required by the usual channels and angles placed beneath platforms, which interfere with the use of wheels of a height desirable for such uses.

Having described my invention, I claim:

1. The combination, with a platform, of an iron having a substantially vertical part engaging the edge of said platform, a substantially horizontal part connected with the bottom of said vertical part and engaging the bottom of said platform, a second substantially vertical part, a part connecting the tops of said substantially vertical parts, and a part connected with the bottom of said second named substantially vertical part and extending in the direction of said substantially horizontal part.

2. The combination, with a platform, of a beam having angularly disposed parts respectively engaging the edge and bottom of said platform, angularly disposed parts respectively extending in the directions of said parts first named, and a part parallel to the edge of said platform and connecting said parts together.

3. The combination, with a platform, of a beam comprising a member engaging the edge of said platform, a flange on said member and engaging the bottom of said platform, a member extending outwardly from the top of said first named member, a member extending downwardly from said last named member, and a flange extending inwardly from the bottom of said downwardly extending member.

4. The combination, with a platform, of a beam having a part engaging an edge of said platform, a part connected with the lower edge of said first named part and engaging the bottom of said platform, a third part turned outwardly from the upper edge of said first named part and extending above said platform, a fourth part extend-

ing downwardly from said third part, and
a fifth part extending inwardly from the
bottom of said fourth part.

- 5 5. A beam comprising the parts 4 and
4^a connected by the part 4^b and having the
respective flanges 4^c and 4^d disposed in dif-
ferent planes, substantially as specified.

In witness whereof I have hereunto set

my name this 3rd day of December, 1909, in
the presence of the subscribing witnesses. 10

TRACY V. BUCKWALTER.

Witnesses:

ROBERT JAMES EARLEY,
JOS. G. DENNY, Jr.