

No. 795,522.

PATENTED JULY 25, 1905.

A. L. LAUBENSTEIN.
CONVEYER.

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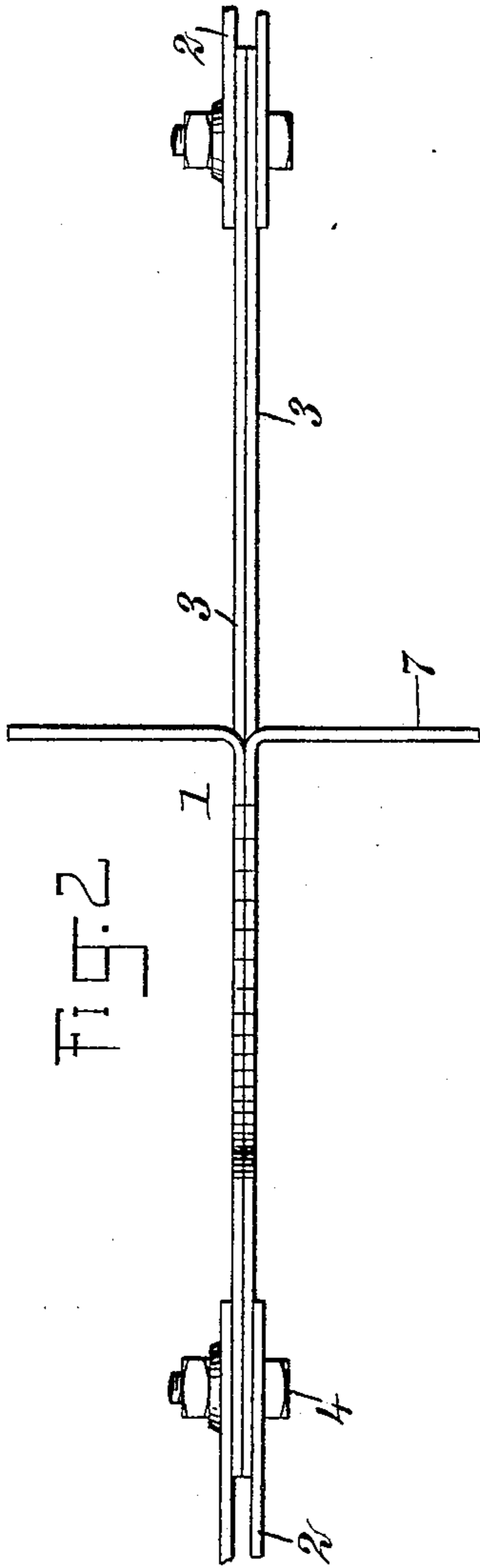


Fig. 2

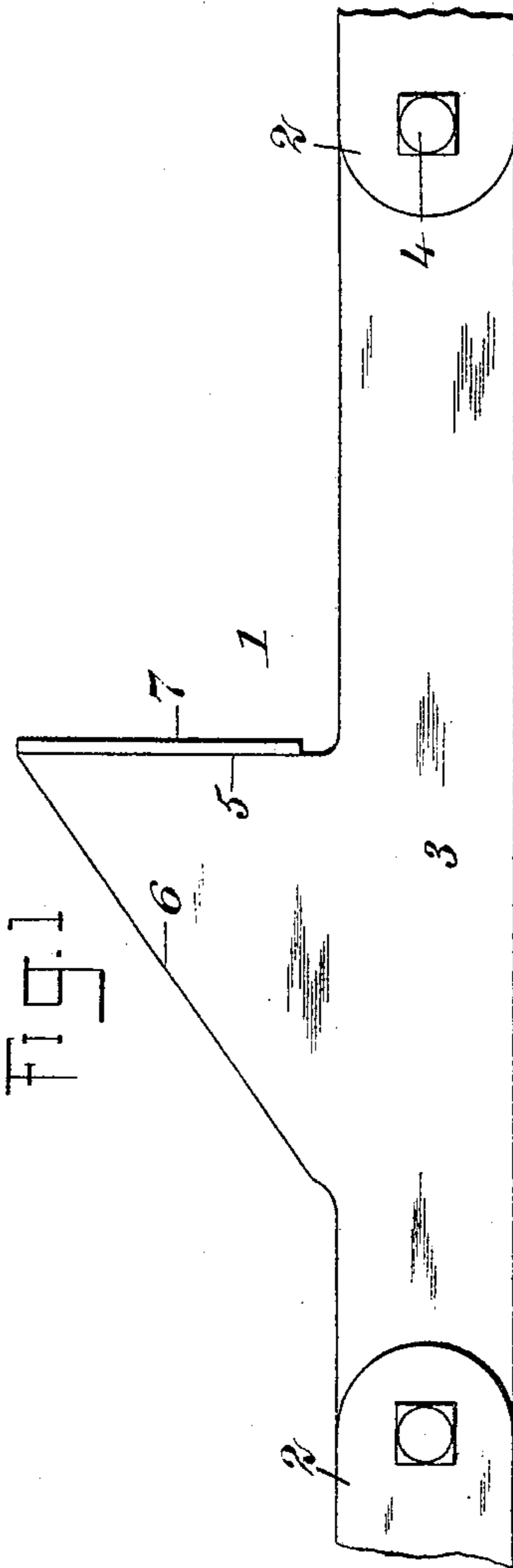


Fig. 1

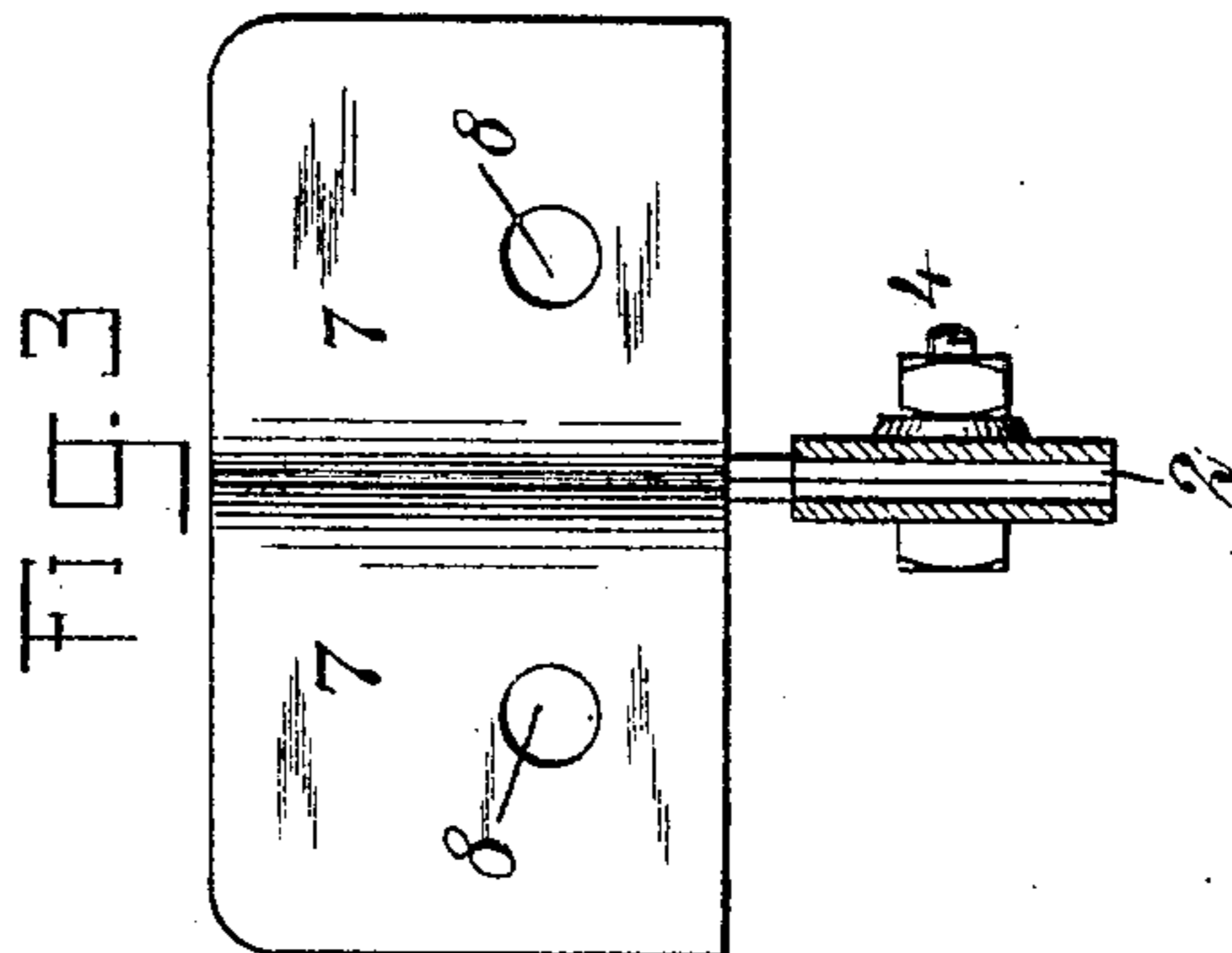


Fig. 3

WITNESSES:

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ALBERT L. LAUBENSTEIN, OF ASHLAND, PENNSYLVANIA.

CONVEYER.

No. 795,522.

Specification of Letters Patent.

Patented July 25, 1905.

Application filed March 24, 1905. Serial No. 251,764.

To all whom it may concern:

Be it known that I, ALBERT L. LAUBENSTEIN, a citizen of the United States, and a resident of Ashland, in the county of Schuylkill and State of Pennsylvania, have invented a new and Improved Conveyer-Link, of which the following is a full, clear, and exact description.

This invention relates to conveyers such as used for loading coal, iron ore, dirt, and similar material. In practice these conveyers usually comprise endless chains, which are continuously driven and have buckets or blades attached to them for advancing the material.

The object of this invention is to produce a chain-link of simple construction for such conveyer especially adapted for attachment to the bucket.

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

Figure 1 is a side elevation of a link constructed according to my invention, showing adjacent links broken away. Fig. 2 is a plan of the parts shown in Fig. 1, and Fig. 3 is a vertical section through a link at substantially the middle point thereof.

Referring more particularly to the parts, 1 represents the link which constitutes the present invention, the same being attached between the links 2 in the chain or conveyer. In practice the alternate links would be of the form represented by the numeral 1 and the remaining links of the form represented by the numeral 2.

In its construction the link comprises a pair of bars 3 of elongated form, as shown, arranged side by side and attached by bolts 4 to the opposite faces of the links 2. These bars 3 are formed on their upper edges, preferably at the middle portions, with wings 5, having inclined rear edges 6. The forward extremities of these wings are bent outwardly, so as to form flanges 7, which project transversely of the axis of the link, said flanges being in alinement, as shown, and provided

with openings 8, which facilitate the attachment of the bucket to the forward side thereof, as will be readily understood.

The bars 3 are preferably formed of sheet-steel or similar material adapted to be stamped into the required form.

In practice the integral wings 5, formed on the bars 3, operate as a very substantial reinforcement or backing for the buckets as the material is advanced, and thus they afford substantial means for preventing disconnection or breaking of the buckets from the chain.

The link described is also very economical of material and readily manufactured at low cost.

The fact that the adjacent faces of the bars abut each other, as shown, is a good feature, as greater stiffness is obtained.

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

1. A conveyer-link comprising a pair of parallel bars, said bars having integral wings projecting from the edges thereof, said wings having laterally-disposed flanges projecting in opposite directions and transversely with respect to said bars, said flanges being in substantial alinement and affording means for attaching the bucket.

2. A conveyer-link comprising a pair of parallel bars having their adjacent faces abutting, said bars having integral wings projecting from the upper edges thereof, said wings having inclined rear edges and abrupt forward edges and being bent laterally to form transversely-disposed flanges projecting in opposite directions, said flanges being in substantial alinement and affording means for attaching a bucket.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ALBERT L. LAUBENSTEIN.

Witnesses:

PETER YOUNG,

CHARLES F. EDLING.