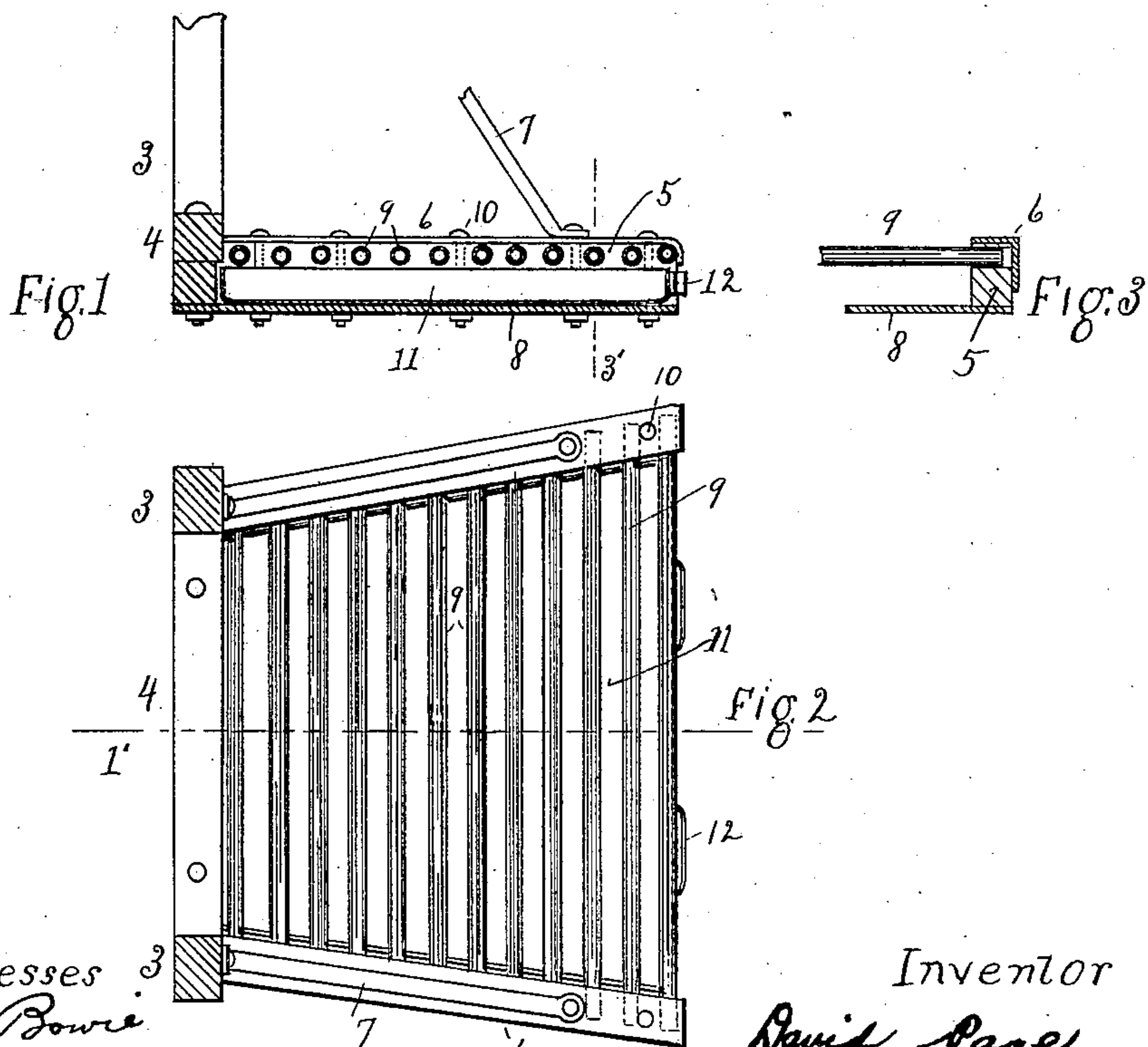


D. PAGE.
PACKER PLATFORM.
APPLICATION FILED JUNE 8, 1910.

969,490.

Patented Sept. 6, 1910.



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DAVID PAGE, OF TOPEKA, KANSAS.

PACKER-PLATFORM.

969,490.

Specification of Letters Patent.

Patented Sept. 6, 1910.

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To all whom it may concern:

Be it known that I, DAVID PAGE, a citizen of the United States, and a resident of the city of Topeka, in the county of Shawnee and State of Kansas, have invented a new and useful Improvement in Packer-Platforms, of which the following is a specification.

In packing flour, cement, and similar products into sacks there is usually used in the mills an apparatus known as a packer, comprising a tube or spout which is vertically disposed and contains an auger by the rotation of which the product is fed through the spout, and a platform underneath the end of the tube on which the sack is placed, the platform being movable vertically and connected with a spring or other mechanism which automatically lowers the platform, or permits the platform to lower itself, as the sack is filled, the tube being of such size as to permit the sack snugly to embrace it; the object being to hold the sack while being filled and to lower the platform so as to keep the surface of the product always at the same approximate distance below the end of the spout. The platforms heretofore used, on which the sacks rest, have been solid, or imperforate or otherwise arranged so that whatever flour or cement or other product falls thereon remains until brushed away either in handling the sacks or by sweeping, and all such products are usually finally lost in the sweepings.

It is the object of my invention to prevent the waste of such product as falls onto the platform; in other words, to save, in a clean state, all of the product which falls onto the platform outside the sacks, and which would otherwise, as heretofore, be wasted. And to this end my invention comprises a platform formed of rods to support the sack, a pan arranged under the rods to hold all product falling onto the platform, and a suitable supporting frame for the rods and the pan; and it also comprises the parts, improvements, and combinations herein set forth and claimed.

In the drawings accompanying and forming part of this specification, and in the description of the drawings, I have shown my invention in its preferred form, and shown what I deem to be the best mode of applying the principles thereof; but it is to be understood that, within the scope of the appended claims, I contemplate changes in

form, proportions, materials and size, the transposition of parts, and the substitution of equivalent members, without departing from the spirit of my invention.

Figure 1 is a vertical sectional elevation taken on a plane indicated by the line 1' of Fig. 2, which is a plan view. And Fig. 3 is a view of a part taken on a plane indicated by the line 3' of Fig. 1.

Similar reference numbers indicate like or corresponding parts throughout the several views.

3, 3 represent the uprights or standards of the platform frame, and 4 is a cross-beam at the rear.

5, 5 are the edge strips extending forward from the cross-beam; and extending across the platform between the two edge strips are a series of rods 9, 9, 9. These rods may be of any proper kind, as solid rods, or gas pipes of suitable size, and they are set in the edge strips so as to be either rotatable or stationary.

6 is an angle-iron placed on the top and outside of each edge strip to reinforce the frame structure; 7, 7 are braces to support the forward part of the platform; and 8 is a bottom secured to the lower side of the edge strips. The edge strips, angle-irons, and bottom may be secured together by means of a number of bolts 10, 10. The bottom is far enough below the rods to support the pan 11 under said rods. And the pan is provided with handles 12, whereby it may be inserted and removed.

It will be understood that all product falling onto the sack-supporting rods will pass down between them into the pan, and that the pan may be easily removed and emptied from time to time. It is also of some importance that the rods are rotatable so as to make it easy to pull the filled sacks off the platform.

If desired, the last rod or two at the forward end of the platform may be secured non-rotatably, so as to prevent too free slipping of the sack at the edge, and to prevent the operator's foot or knee from slipping when bracing himself to pull off the sack.

What I claim is:

1. A packer platform comprising a vertically movable support, a series of sack-supporting rotatable rods spaced apart from each other on said support, and a pan on said support underneath said rods.

2. In packer platforms, the combination

of a series of sack-supporting rods spaced
apart from each other, a pan arranged under
said rods, and a vertically movable support
for said rods and said pan, and forming
5 part of the packer platform.

3. A packer platform of the kind de-
scribed comprising the combination of a ver-
tically movable frame, a sack-supporting
floor supported on said frame and forming
10 part thereof and having openings there-

through, and a pan removably supported in
said frame underneath the said floor.

In testimony whereof I have hereunto
signed my name in the presence of sub-
scribing witnesses.

DAVID PAGE.

Witnesses:

DAVID BOWIE,
C. E. HEARTBURG.