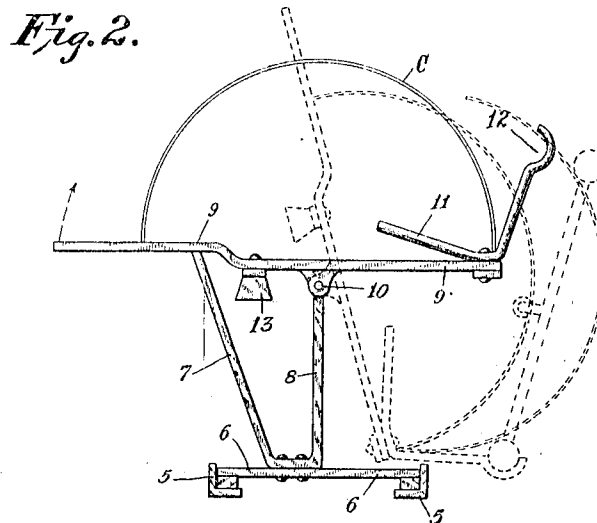
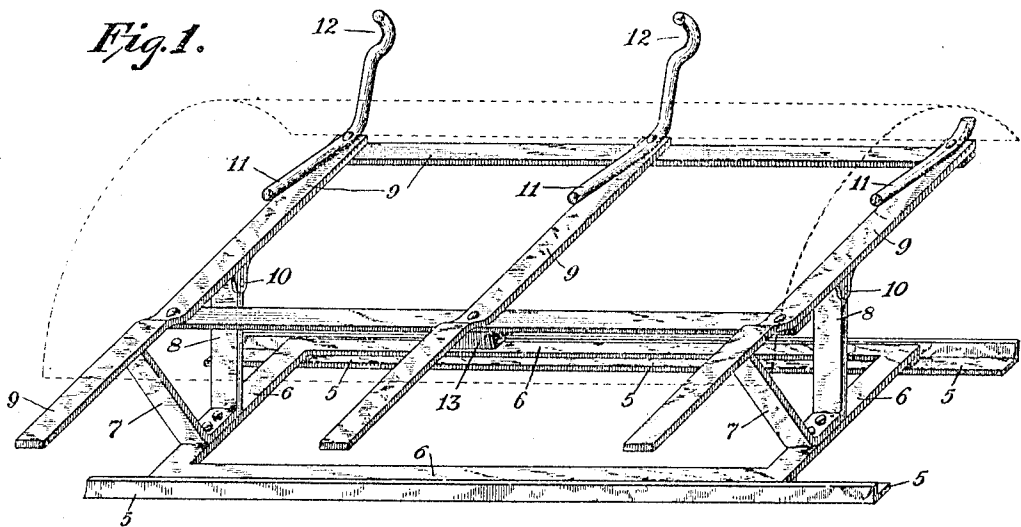


A. P. FEES.
 OVEN PAN FOR GLASS CYLINDERS.
 APPLICATION FILED MAY 28, 1909.

947,426.

Patented Jan. 25, 1910.

2 SHEETS—SHEET 1.



Witnesses:
 Fred Stahl
 Harry Jones

Inventor,
 Allison P. Fees,
 per A. W. H. Clay
 his Attorney.

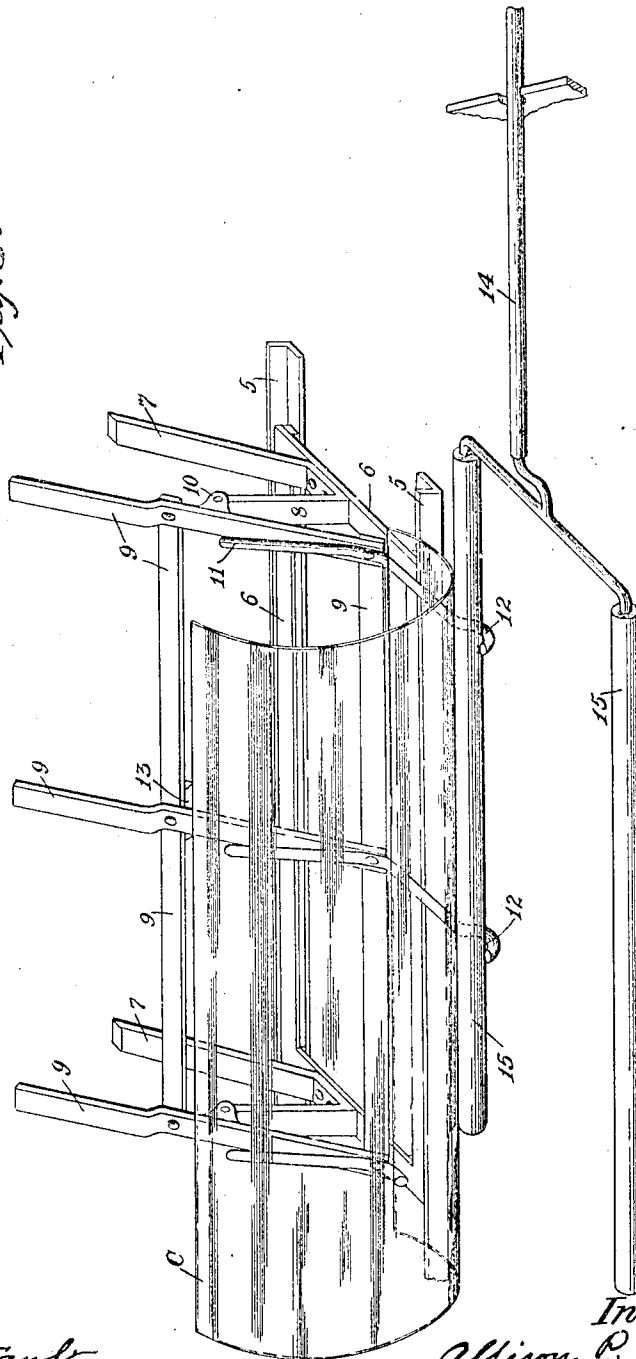
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Fig. 3.



Witnesses;
Fred Stamb.
Henry Senn.

per

Inventor:
Allison P. Fees,
J. M. Clay, Att'y.

UNITED STATES PATENT OFFICE.

ALLISON PRICKETTE FEES, OF JEANNETTE, PENNSYLVANIA, ASSIGNOR TO WINDOW GLASS MACHINE COMPANY, OF PITTSBURG, PENNSYLVANIA, A CORPORATION OF NEW JERSEY.

OVEN-PAN FOR GLASS CYLINDERS.

947,426.

Specification of Letters Patent.

Patented Jan. 25, 1910.

Application filed May 28, 1909. Serial No. 498,796.

To all whom it may concern:

Be it known that I, ALLISON P. FEES, a citizen of the United States, residing at Jeannette, in the State of Pennsylvania, have invented a certain new and useful Oven-Pan for Glass Cylinders, of which the following is a specification.

My invention relates to the art of making window glass from rollers or cylinders, and its primary objects are to facilitate the handling of a section of the cylinder in the flattening oven and to provide for a better heating of the cylinder.

I have illustrated the invention in one form in the accompanying drawings, wherein—

Figure 1 is a perspective view of the pan in normal position. Fig. 2 is an end elevation showing a half cylinder in place and by dotted lines the tilted position. Fig. 3 is a perspective view showing the removal of the half cylinder from the pan to the lifting fork.

It will be understood that in the practice of making window glass from rollers or cylinders, the cylinder after being cut and split is introduced into a heating oven and softened and flattened on a rotating table. As the most effective heat is above the base of the oven, the most uniform and satisfactory heating of the glass is obtained by introducing a half cylinder rather than a whole one split along one line, and introducing the half cylinder with the convex face upward. In doing this however, it would be impracticable to flatten the cylinder except by turning it over with the convex face down after the glass is heated. My invention furnishes means for easily and safely carrying out the suggested manipulations in the oven.

The oven is provided with a track composed of rails 5 upon which the pan and cylinder are slid into place to be flattened. On these tracks I mount the pan composed of the base 6 to which are attached upright studs 7 and 8, to one of which, located near the center of the base, there is pivoted a set of cross-bars 9, by the pin 10. At one side this frame is provided with standards 11 of

the peculiar shape shown and arranged so that when the edge of the half cylinder C lies in the angle of the standards the cylinder is nearly balanced over the center of the pan, the other edge resting on the opposite ends of the bars 9. The tilting frame and the cylinder are normally held in position by weight 13.

One or two of the standards 11 are provided with recesses or hooks 12 adapted to receive one of the wood covered prongs 15 of the lifting rod 14, and as will appear from Fig. 3, the carriage can by this means be tilted over while at the same time the two prongs 15 are properly placed under the cylinder and the latter can be lifted off the pan and conveniently laid on the flattening stone (see Fig. 2). The top frame of the pan will return to normal position when relieved of the weight of the glass. By this means a half cylinder can be introduced into the oven and heated on the convex side and then readily turned over and moved to desired position without danger of breaking and with perfect ease, the hooks 12 acting to automatically place the lifting form in proper position under the glass as well as to tip over the frame and serve as a support for the fork.

The advantages of the device will readily occur to those familiar with the art.

Having thus described my invention and illustrated its use, what I claim as new and desire to secure by Letters Patent, is the following:

1. A pan for flattening ovens adapted to receive a half cylinder with convex side up and pivoted to turn the cylinder over, substantially as described.

2. A pan for flattening ovens comprising an elevated frame and a pivoted platform thereon having guides to locate the proper position of a half cylinder supported thereon.

3. A pan for flattening ovens comprising a tilting platform having means to definitely locate and support a handling fork to receive a cylinder when tilted off the platform.

4. A plan for handling half cylinders in

flattening ovens, comprising a slidable base
having an elevated tilting platform, guides
for positioning the cylinder and guides for
placing a handling fork to remove the cyl-
5 inder when the platform is tilted, substan-
tially as described.

In testimony whereof I have hereunto

signed my name this 25th day of May, 1909,
in the presence of the two subscribed wit-
nesses.

ALLISON PRICKETTE FEES.

Witnesses:

I. C. CURRY,

J. P. CURRY.