

No. 848,642.

PATENTED FEB. 12, 1907.

P. F. VAN HALDER
TOY.

APPLICATION FILED AUG. 27, 1906.

2 SHEETS—SHEET 1.

Fig. 1.

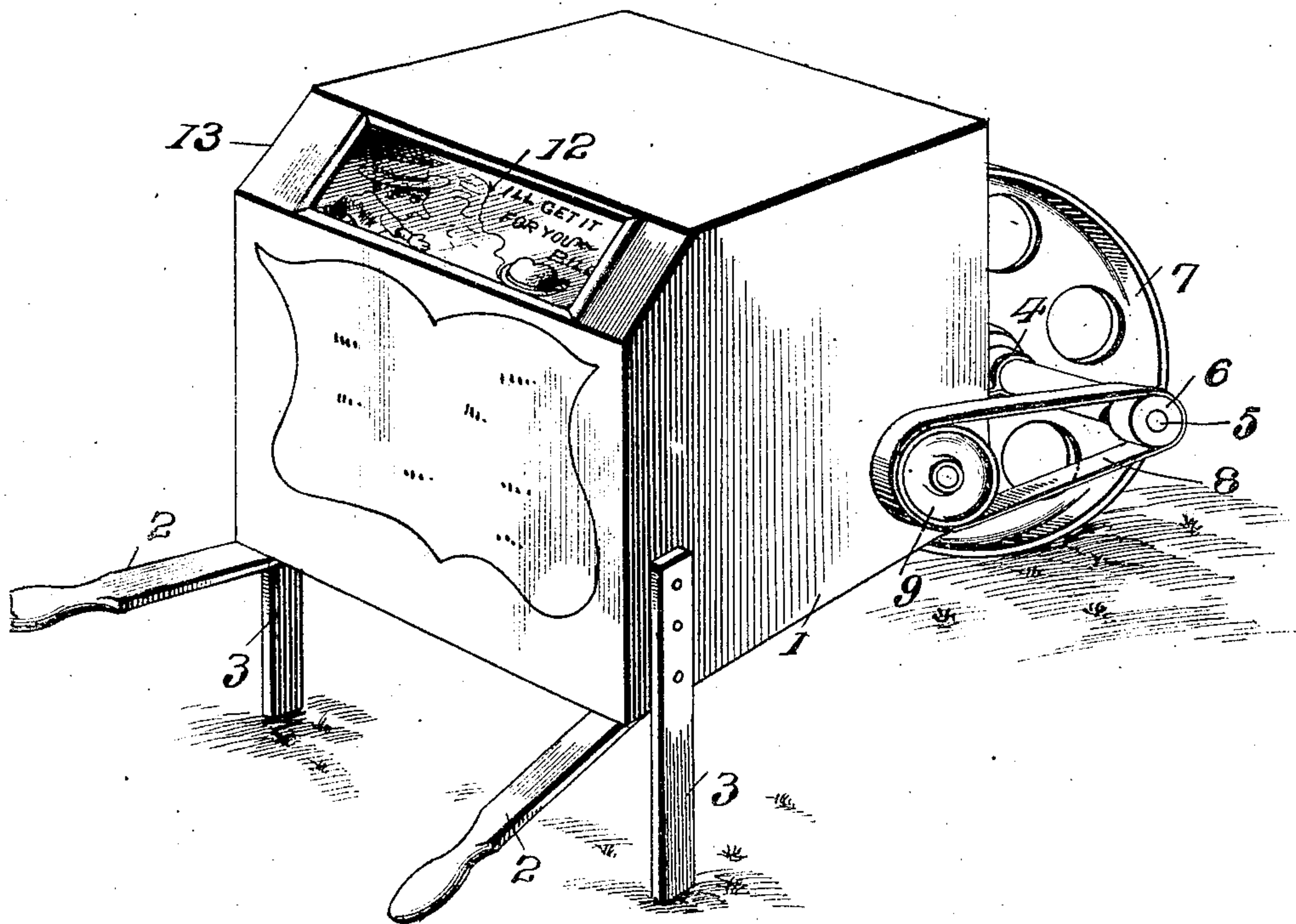
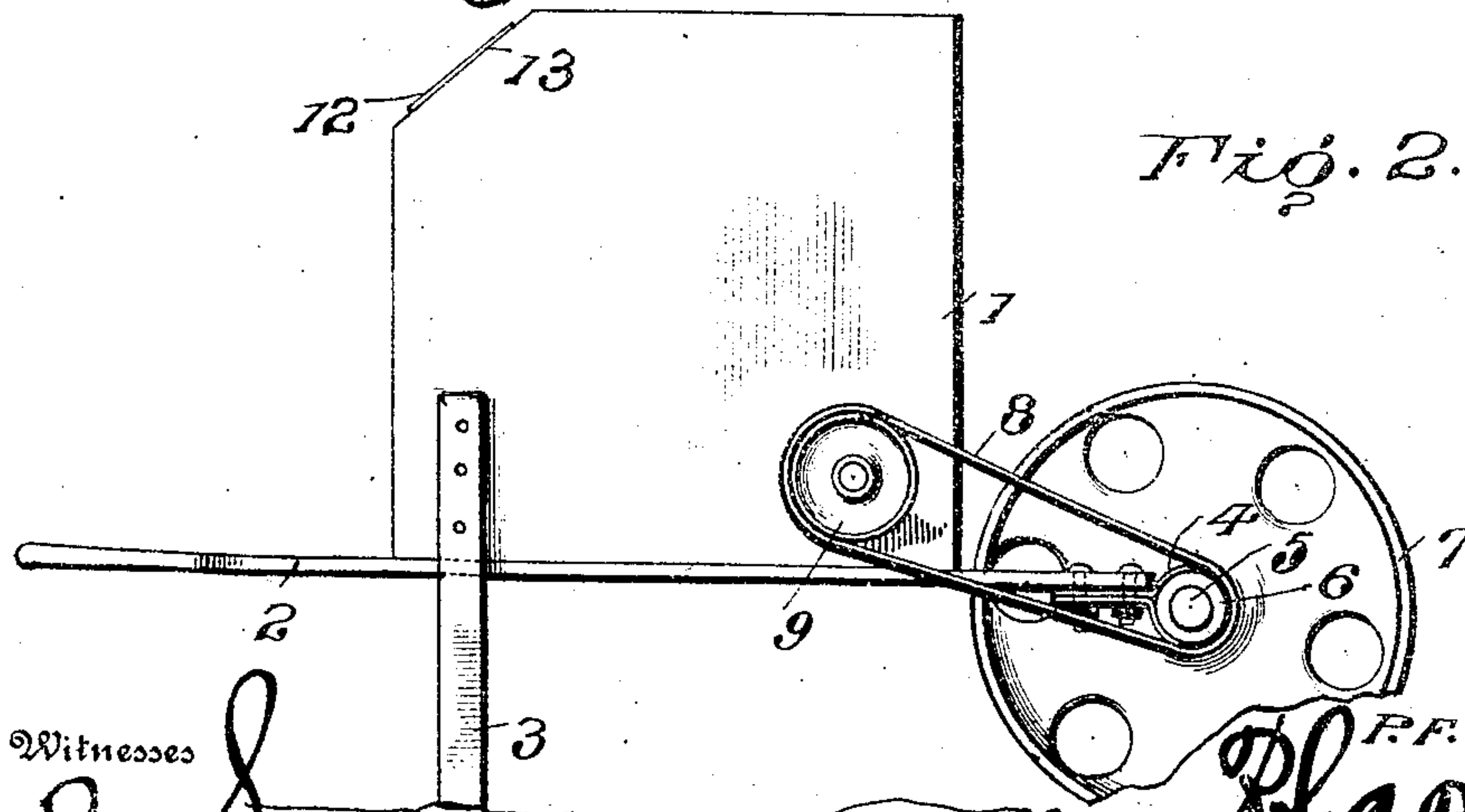


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

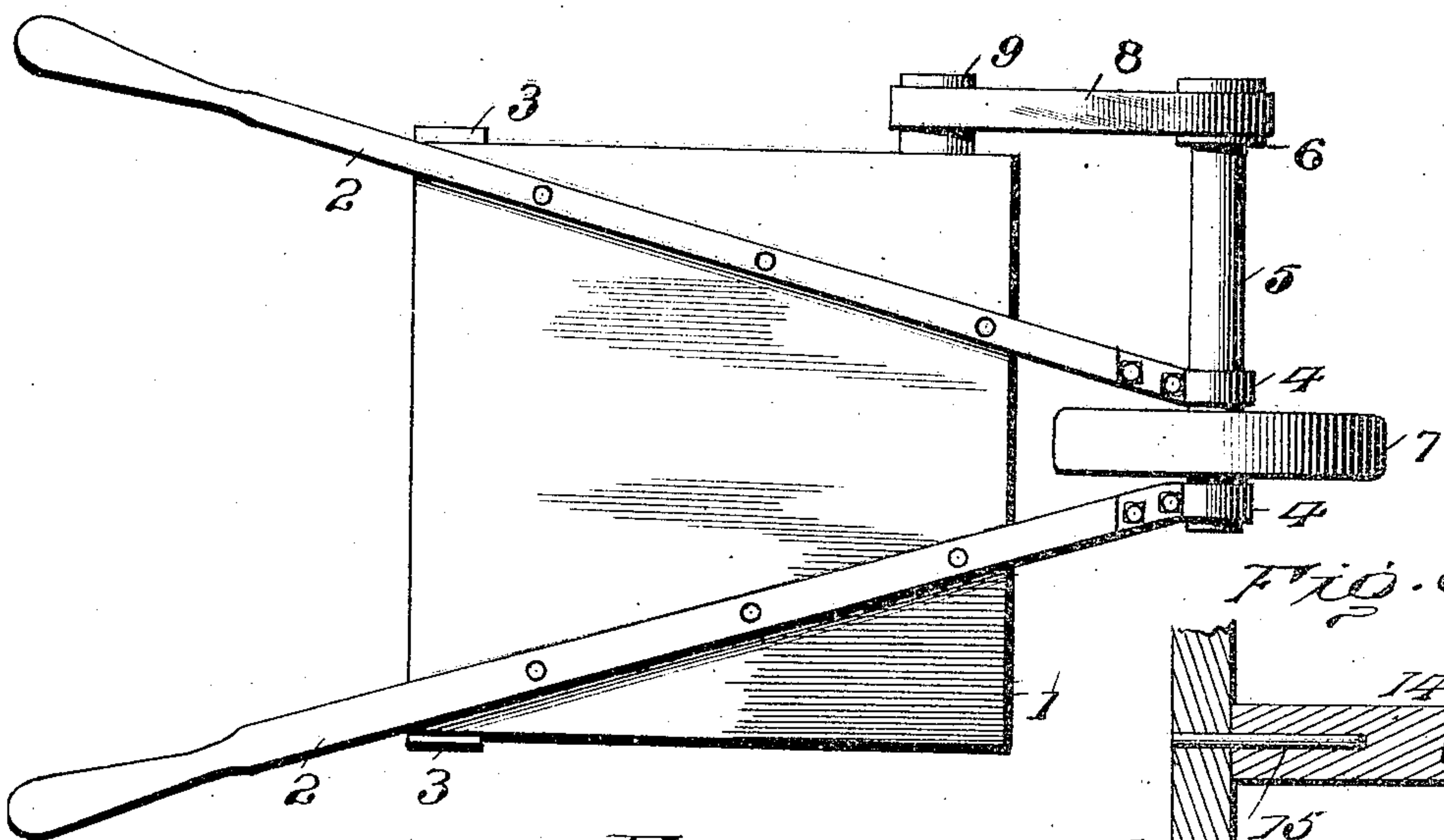


Fig. 5.

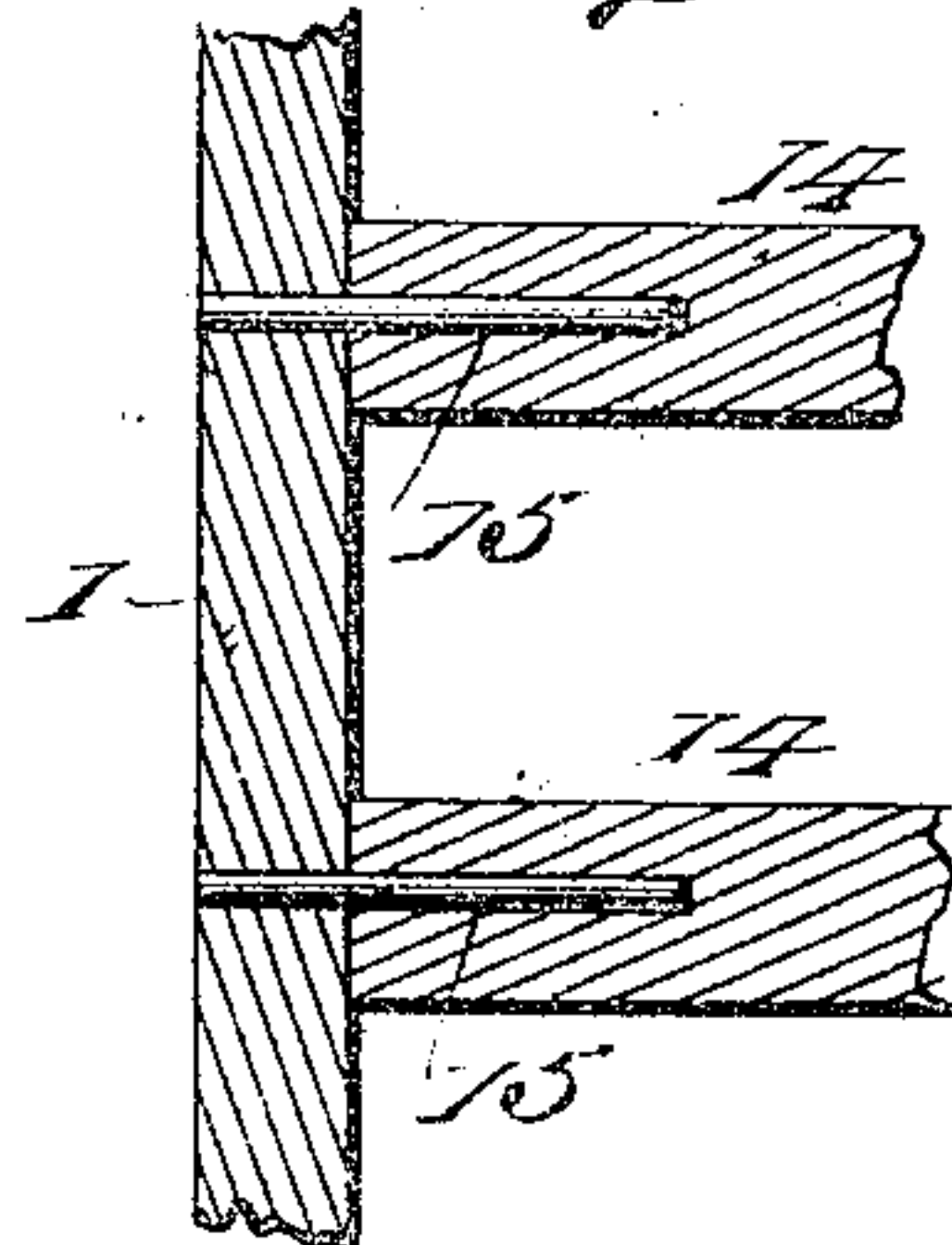
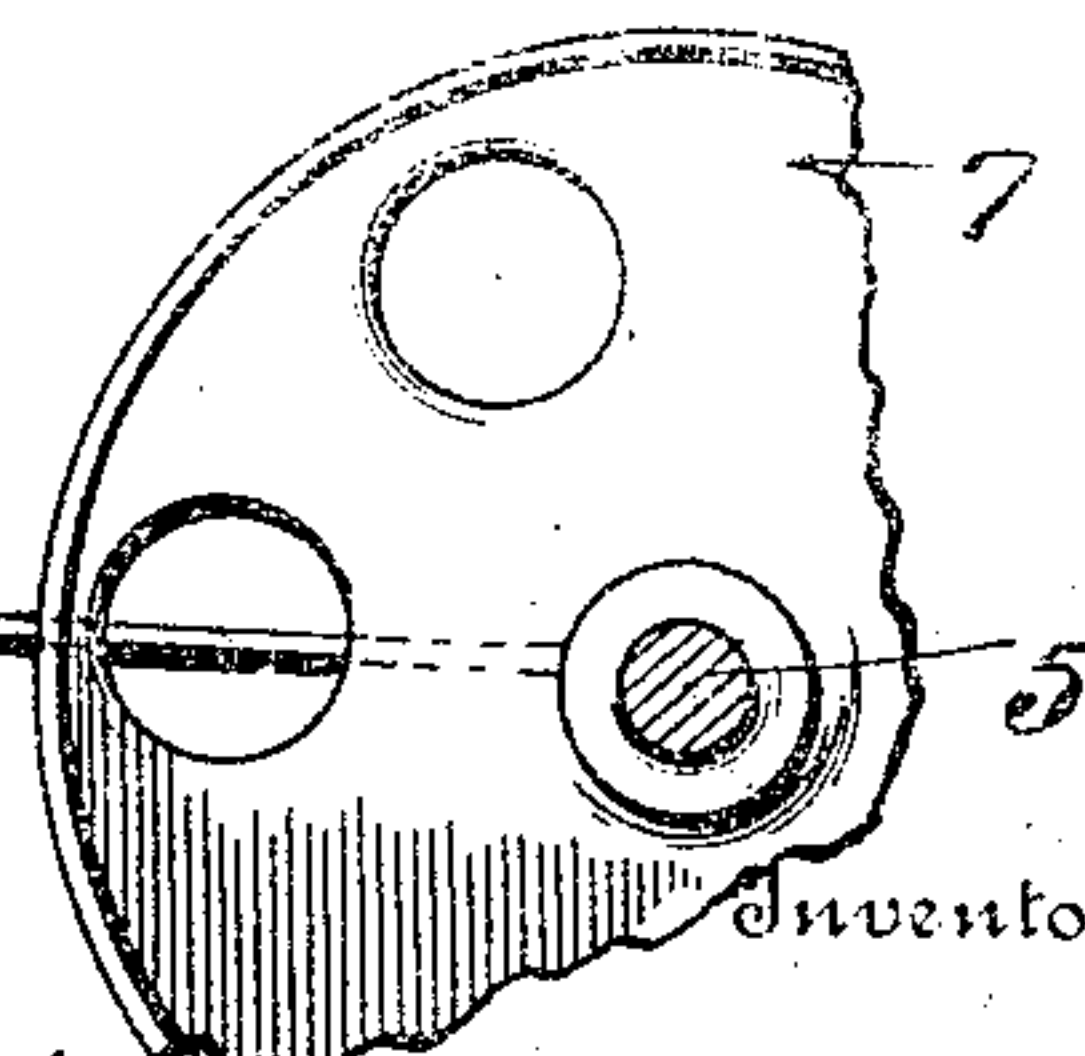
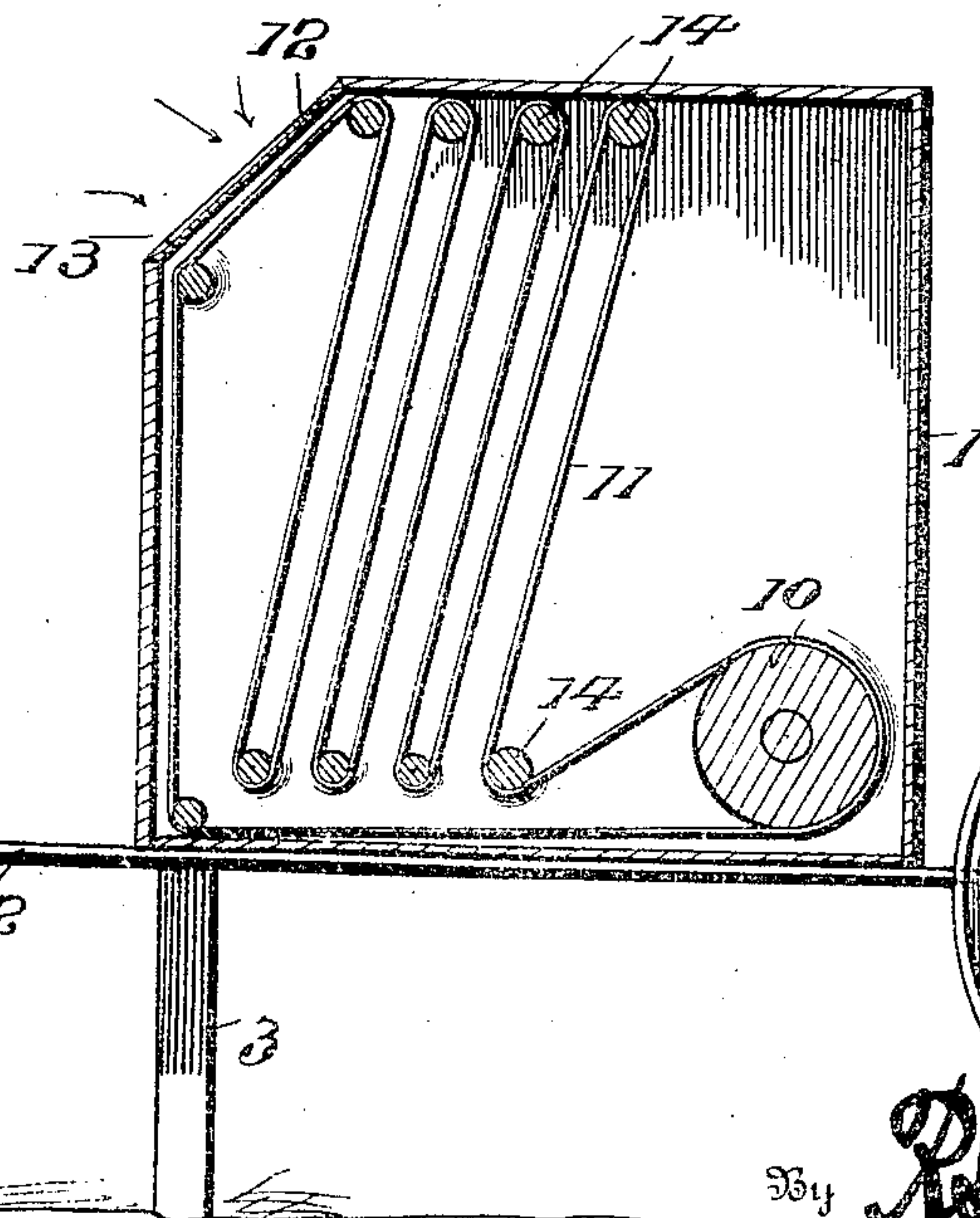


Fig. 4.



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UNITED STATES PATENT OFFICE.

PETER F. VAN HALDER, OF SHARON, PENNSYLVANIA.

TOY.

No. 843,642.

Specification of Letters Patent.

Patented Feb. 12, 1907.

Application filed August 27, 1906. Serial No. 332,226.

To all whom it may concern:

Be it known that I, PETER F. VAN HALDER, a citizen of the United States, residing at Sharon, in the county of Mercer and State of Pennsylvania, have invented certain new and useful Improvements in Toys, of which the following is a specification.

The object of my invention is to provide an improved construction of toy which is embodied in the form of a wheelbarrow containing an endless web on which are depicted various amusing or educational scenes or the like designed to appear in succession at a sight-opening in the body of the wheelbarrow as the device is rolled along, so as to afford amusement or instruction or both.

With this and other objects in view, as will more fully appear as the description proceeds, the invention consisting in certain constructions and arrangements of the parts hereinafter described, and particularly pointed out in the appended claim.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a perspective view of my improved toy wheelbarrow. Fig. 2 is a side elevation thereof. Fig. 3 is a bottom plan view. Fig. 4 is a longitudinal section. Fig. 5 is a fragmentary sectional view illustrating one means of journaling the rollers in the casing of the device.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The body 1 of the toy wheelbarrow is in the form of an inclosed box or casing supported when traveling upon handles 2, secured to its bottom and converging toward their front ends, the said body being provided at its rear corners with legs 3, by which it may be supported when at rest. To the front ends of the handles 2 journal bearings or boxings 4 are secured, the same being located, preferably, in the median longitudinal plane of the box or casing 1. A shaft or axle 5 is journaled in said boxings 4 and is extended at one side beyond one side of the box or casing 1, where it is provided at its end with a pulley 6. The traveling wheel 7 is mounted on the axle 5 between the boxings 4 and may be provided with the opening shown

or other fanciful configurations to add to the attractiveness of the toy.

An endless driving-belt 8 travels around the pulley 6 and also around a pulley 9 on the projecting end of the roller 10, mounted in the forward lower corner of the box. By this arrangement as the wheelbarrow is moved along the rotation of the wheel 7 will, through the instrumentality of the axle 5 and the pulleys 6 and 9 and belt 8, cause the rotation of the roller 10 within the casing.

An endless web 11, on which are painted or otherwise depicted amusing or instructive scenes or advertisements or the like, is intended to travel in the box or casing 1, so that the pictures will arrive successively at a sight-opening 12 in the box or casing, said opening being preferably located at the rear upper corner of the casing and extending transversely thereof in a slightly-oblique panel 13. The web 11 may be passed around upper and lower series of idle-rollers 14, so as to obtain the maximum amount of web with the given size of the box, and said web also passes around the roller 10, which is the main or driving roller, and thence back again to repeat the operation continuously, as clearly indicated by the longitudinal sectional view of the drawings.

From the foregoing description, in connection with the accompanying drawings, it will be seen that I have provided a simple and inexpensive form of toy embodied in a wheelbarrow construction which will afford considerable amusement or instruction, as the case may be, and which may be easily manufactured and which will operate efficiently to cause the views to arrive successively at the sight-opening 12 as the child or other operator trundles the device along.

As one means of journaling the rollers in the casing 1, reference is to be had to Fig. 5 of the accompanying drawings, in which it will be seen that gudgeons or pins 15 are driven through the sides of the box or casing 1 and into the ends of the rollers. It is to be understood, however, that any desired means may be employed for this purpose.

Having thus described the invention, what is claimed as new is—

The herein described toy embodying a closed casing provided with a sight-opening, forwardly-converging handles secured to the bottom of the casing and on which the latter is mounted, the said handles projecting forward of the casing, an axle journaled be-

tween the front ends of said handles, a traveling wheel mounted on said axle, the said axle extending transversely and projecting at one end beyond one side of the casing, a series of rollers mounted in the casing, one of said rollers projecting out of one side of the casing, pulleys on the projected ends of the said roller and axle, said pulleys being in alinement with each other, a driving connec-

tion between said pulleys, and a web mounted to travel around said rollers.

In testimony whereof I affix my signature in presence of two witnesses.

PETER F. VAN HALDER. [L. s.]

Witnesses:

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W. A. McKNIGHT.