June 18, 1929. A. F. HANNEY 1,717,705

LAUNDRY BIN

Filed Jan. 6, 1926

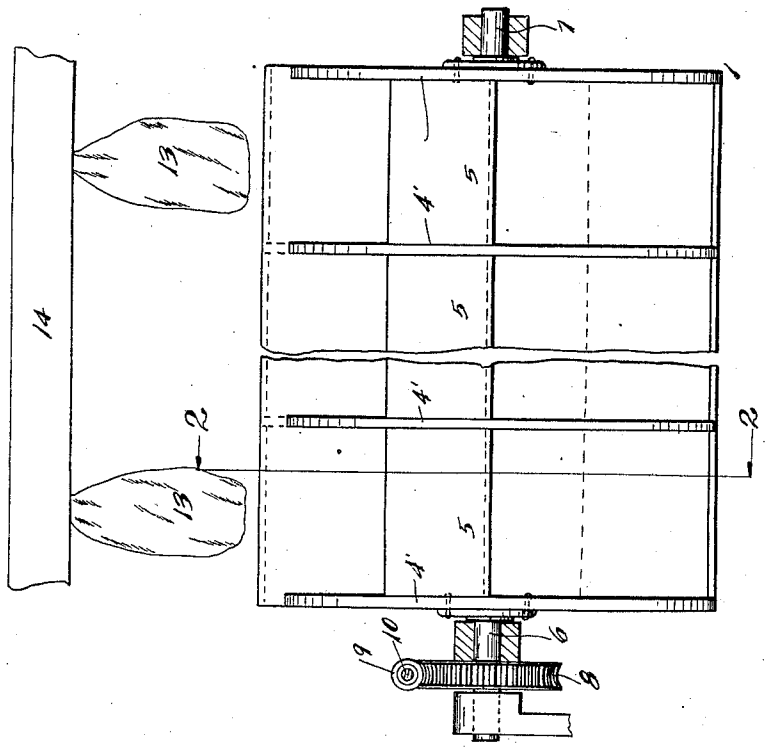


Fig. 1

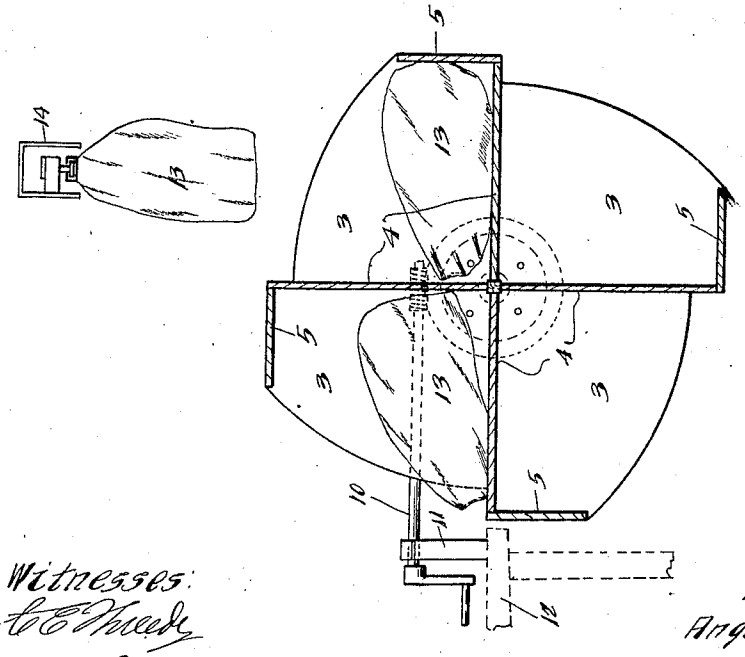


Fig. 2

Witnesses:
C. C. Steele
B. G. Richards

Inventor
Angus F. Hanney
By Joshua R. H. Potts
His Attorney

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UNITED STATES PATENT OFFICE.

ANGUS F. HANNEY, OF CHICAGO, ILLINOIS, ASSIGNOR TO GAMMELL-HANNEY MANUFACTURING CO., OF CHICAGO, ILLINOIS.

LAUNDRY BIN.

Application filed January 6, 1926. Serial No. 79,691.

My invention relates to improvements in laundry bins and has for its object the provision of a simple and effective construction of this character especially adapted for use in conjunction with laundry sorting machines.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which,

Fig. 1 is a partial front view of a laundry bin arrangement embodying the invention; and

Fig. 2 is a section taken substantially on line 2—2 of Fig. 1.

The preferred form of construction as illustrated in the drawings comprises a suitable frame member provided with four different sets of compartments 3 therein. The compartments 3 are formed by providing four radiating partitions 4 separated longitudinally by transverse partitions 4′. Stop boards 5 are arranged at the outer ends of each of the partitions 4 thus providing in each longitudinal division four interchangeable compartments arranged at right angles to each. other. The frame member thus formed is provided at its ends with supporting trunnions 6 and 7, the trunnion 6 carrying a worm wheel 8 meshing with a worm 9 on a crank shaft 10 mounted on a suitable bearing 11 on a table 12 adjacent said frame and whereby said frame may be rotated as desired. The compartment frame is set so that one set of the compartments 3 will receive the laundried articles 13 discharged from a sorting machine 14 indicated diagrammatically in the drawings.

The arrangement is such that when one batch of laundry has been sorted and delivered to one set of compartments 3 the frame member may be rotated to bring the filled set of compartments to delivery position adjacent the table 12 so that said discharged articles may be readily removed while another set of compartments is receiving the sorted articles from the machine. Thus the machine may be employed practically continuously without stopping the same for the removal of laundried articles.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claim.

Having described my invention, what I claim as new and desire to secure by Letters Patent is:

The herein described transfer bin structure, comprising four longitudinal sets of peripherally opened, right angularly disposed, box-like compartments rotatable about a common horizontal axis, said compartments being formed by four base walls extending diametrically through said axis and at right angles to each other, angular peripheral walls at the ends of said base walls, transverse partitions connecting said base walls and said end walls, thereby completing and separating the respective compartments of each set, said end walls being of a depth less than the depth of the base walls, and the peripheral edges of said transverse partitions sloping between the outer edge portions of said base and end walls, the said base walls being horizontal and affording work supports in the receiving and discharging positions of the respective compartments, and in the one or the other working position, said compartments being open throughout the top or side thereof, as the case may be.

In testimony whereof I have signed my name to this specification.

ANGUS F. HANNEY.