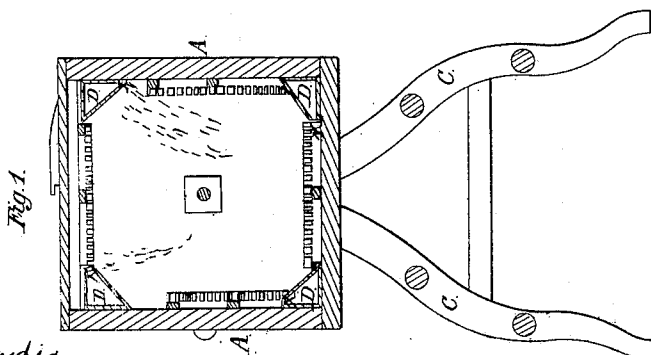
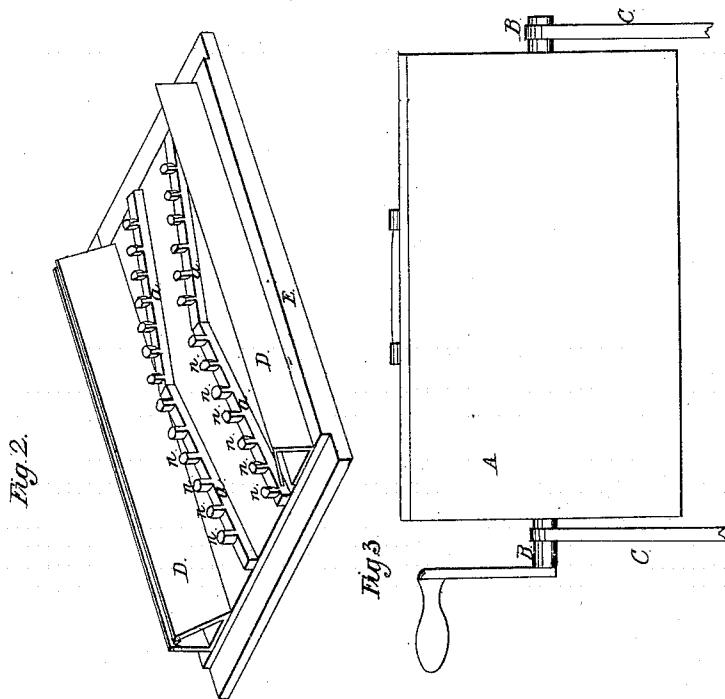


W. H. TAMBLING
WASHING MACHINE.

No. 25,774.

Patented Oct. 11, 1859.



Witnesses:

G. H. Merandis
G. W. Traverson

Inventor:

William H. Tambling

UNITED STATES PATENT OFFICE.

WILLIAM H. TAMBLING, OF BERLIN, WISCONSIN.

WASHING-MACHINE.

Specification forming part of Letters Patent No. 25,774, dated October 11, 1859; Reissued January 17, 1860, No. 886.

To all whom it may concern:

Be it known that I, WM. H. TAMBLING, of Berlin, in the county of Green Lake and State of Wisconsin, have invented certain
5 new and useful Improvements in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters
10 of reference marked thereon.

The nature of my invention consists in constructing and arranging the inside of a revolving wash box substantially in the manner hereinafter set forth.

15 In the drawings, Figure 1 represents a vertical cross section. Fig. 2 is a perspective of one side of the box removed. Fig. 3, is a side view of the box in its bearings.

In the figures A, represents a box, which
20 is made of any suitable size; either of a square or oblong form. To the two ends of this box are secured two short journals, which rest in journal bearings in a frame, C, C',—the box revolves upon these journals
25 when the operation of washing is in progress. The interior of the box A, is provided with four buckets marked D, D, D, D, which are situated in the four corners of the box. These buckets are in a triangular form and
30 are closed at their ends. They are open at one angle as is represented at (*x, x*). The object of these buckets is to raise and pour the water in the box upon the clothes as the said box revolves upon its journals. It will
35 be seen that when the buckets are down the water from the box enters them,—they carry it up, and as they approach the top the water begins to pour out upon the clothes,—thus there is almost a continual stream of water
40 pouring upon the clothes all the while.

E, represents one of the sides of the box,—both the sides and the ends of the box are

constructed in a manner similar to the side E. This side it will be seen is provided with bars *a, a*,—these bars are in two parts as
45 seen; and when their ends are placed together they stand at an angle of about a hundred and fifty degrees to each other. These bars, *a, a*, are provided with a series of short pins *n, n, n*, as is represented in
50 Fig. 2,—the bars being for the purpose of giving direction to the water while the pins serve to keep the clothes off from the bars and the sides of the box so that there may
55 be a free circulation of water around and through the inside of the box. This box is made very close, with a close fitting door, so that when filled with, or partially filled with, water and with clothes the water will
60 not leak out. When clothes are placed in the box they are washed by the continual pouring of the water upon them and by the friction caused by the clothes coming in contact with the pins and with each other
65 as the box revolves upon its journals.

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

1. The arrangement of the buckets (D D,) in the four corners, of the interior of the
70 box A, said buckets being made in a triangular form, and open at one angle as at *x, x*, the same being used in the manner and for the purpose specified.

2. The arrangement of the bars *a, a*, as
75 provided with pins *n, n*, and in the form represented, when used in connection with the box A, and the buckets (D, D,) as constructed the whole operating substantially as and for the purpose specified.

WILLIAM H. TAMBLING.

Witnesses:

C. M. ALEXANDER,
C. W. FRANZONI.