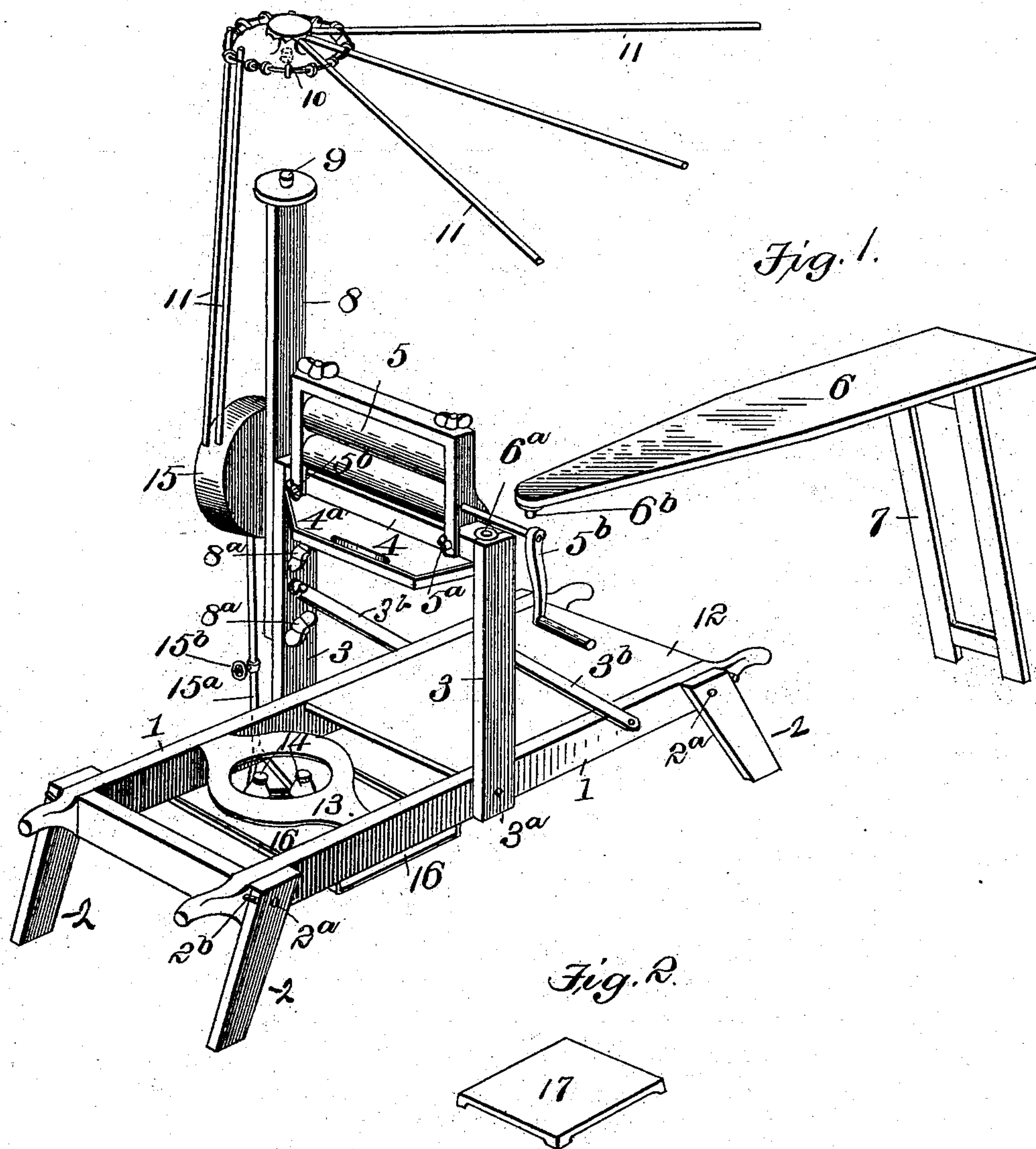


(No Model.)

A. ARMSTRONG.
COMBINATION LAUNDRY OUTFIT.

No. 503,711.

Patented Aug. 22, 1893.



Witnesses
J. P. Cornwall
Hugh H. Wagner

Inventor
Alfred Armstrong
By Paul Bakewell
his atty.

UNITED STATES PATENT OFFICE.

ALFRED ARMSTRONG, OF ST. LOUIS, MISSOURI, ASSIGNOR TO ROBERT H. CLIFFORD AND H. L. HAYDEL, OF SAME PLACE.

COMBINATION LAUNDRY OUTFIT.

SPECIFICATION forming part of Letters Patent No. 503,711, dated August 22, 1893.

Application filed May 31, 1893. Serial No. 476,044. (No model.)

To all whom it may concern:

Be it known that I, ALFRED ARMSTRONG, a subject of the Queen of Great Britain, residing at St. Louis, State of Missouri, have invented a certain new and useful Improvement in a Combination Laundry Outfit, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification, wherein—

Figure 1 is a perspective view of my improved device, having several of its component parts detached. Fig. 2 is a detail view of the sad iron heating plate.

My invention relates to a new and useful improvement in, what I term, a combination laundry outfit, in which the several implements necessary to a laundry, are so arranged and combined relative to each other, that when the machine is assembled and in position, the several steps necessary to be gone through in cleansing clothes in a laundry are within immediate reach of the operator: these implements being so constructed that the machine may be readily separated so as to be packed, and when set up, and the parts joined together, they make a compact, simple, and cheap outfit, embodying the necessary implements to a complete laundry.

In the drawings, 1 indicates a base or stand which is commonly known as a wash tub stand, which is supported by legs 2 at its corners: said legs being preferably made folding by being pivoted to the stand 1 at 3^a, which stand is provided with stop pins 2^b to retain the same in position when the machine is set up. Pivoted at about the center of the side rails of this base or stand, as at 3^a, are standards 3, which are adapted also to be folded for convenience for packing, and which are maintained in their upright positions by braces 3^b. These standards have their upper ends connected by a cross piece 4 from which projects an extension 4^a which is used as a soap receptacle. Removably mounted through the medium of set screws 5^a on the cross piece 4, is a wringer 5 of any ordinary or approved construction, which wringer is operated as usual by a handle 5^b. Countersunk in the cross piece 4 near one of the standards 3, is a

socket 6^a which is adapted to receive a stud 6^b on the tapering end of an ironing board 6, which ironing board is provided at its outer edge with folding legs 7, as shown. This ironing board as will be seen, is made detachable, which permits of its removal so that it can be set aside when not required for use, and when in use, readily admits the removal of its pivoted end, so that a shirt, or other article, desired to be ironed, may be slipped over the board. Detachably mounted on one of the standards 3, by binding screws 8^a, is an extension 8, upon the upper end of which is a bearing plate provided with a stud 9, upon which bearing plate is revolvably mounted a casting 10 of a clothes drier; this clothes drier is provided with arms 11, and is adapted, when any of its arms are filled with clothing, to be revolved, so as to permit the unloaded arms to be brought into a position of convenience to the operator. The base or stand 1, is divided substantially into two parts by the standards 3; one of which, the right, has a top 12, upon which top may be received a tub, into which the clothes, after they have passed through the wringer, 5, are deposited. The other side of the stand is left comparatively open, being bridged by a plate 13 having an opening in its center. Beneath this opening are arranged burners 14 which burners are fed by a pipe 15^a leading from a tank 15, hung upon the extension 8, said pipe being controlled by a valve 15^b. In order to catch any dripping which might fall from the burners I arrange therebeneath a pan 16.

The many advantages attendant upon the use of a device such as I have herein shown and described, are obvious as the several component parts may be detached and stored away when not in use, thus saving considerable space.

Aside from the advantages of being able to detach and lay away the parts when not in use, are other advantages, which reside in the convenience derived from the location of several implements, which enables the operator to go through the operation of washing, at which time the water may be kept hot by the tub being placed over the burners 14: to wring the suds and water from the clothes,

after being cleansed, and deposit them in a tub at the other side of the stand, in which tub they may be rinsed and blued, after which they may be hung up on the arms 11 to dry, the heat generated by the burners 14 ascending upward and greatly accelerating this latter step. When the clothes have been sufficiently dried and it is desired to iron them, the ironing board is placed in position, and a plate 17, shown in Fig. 2, is placed on the bridge 13 upon which plate are placed sad irons. The board, as before stated, is detachably and pivotally connected to the cross piece 4, which enables the operator to move the same about its pivotal point to obtain the best light without danger of displacement.

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

1. In a laundry outfit, the combination with a folding wash tub stand, provided with standards of an extension detachably secured to one of its standards, a clothes drier revolvably mounted on said extension and an iron-

ing board pivotally and detachably mounted to the cross piece between the standards, substantially as described.

2. In a laundry outfit the combination with a folding base or stand provided with standards 3 and cross piece 4, of a bridge plate mounted upon said base and having an opening therein, heat generators arranged below said opening, a pan beneath said generators, a clothes' wringer which is removably secured to the cross piece 4, which cross piece is formed with a socket 6^a, an ironing board which is detachably and pivotally mounted in said socket, and a clothes drier which is revolvably mounted on an extension of one of the standards 3, substantially as described.

In testimony whereof I hereunto affix my signature, in presence of two witnesses, this 23d day of May, 1893.

ALFRED ARMSTRONG.

Witnesses:

F. R. CORNWALL,
HUGH K. WAGNER.