

No. 767,627.

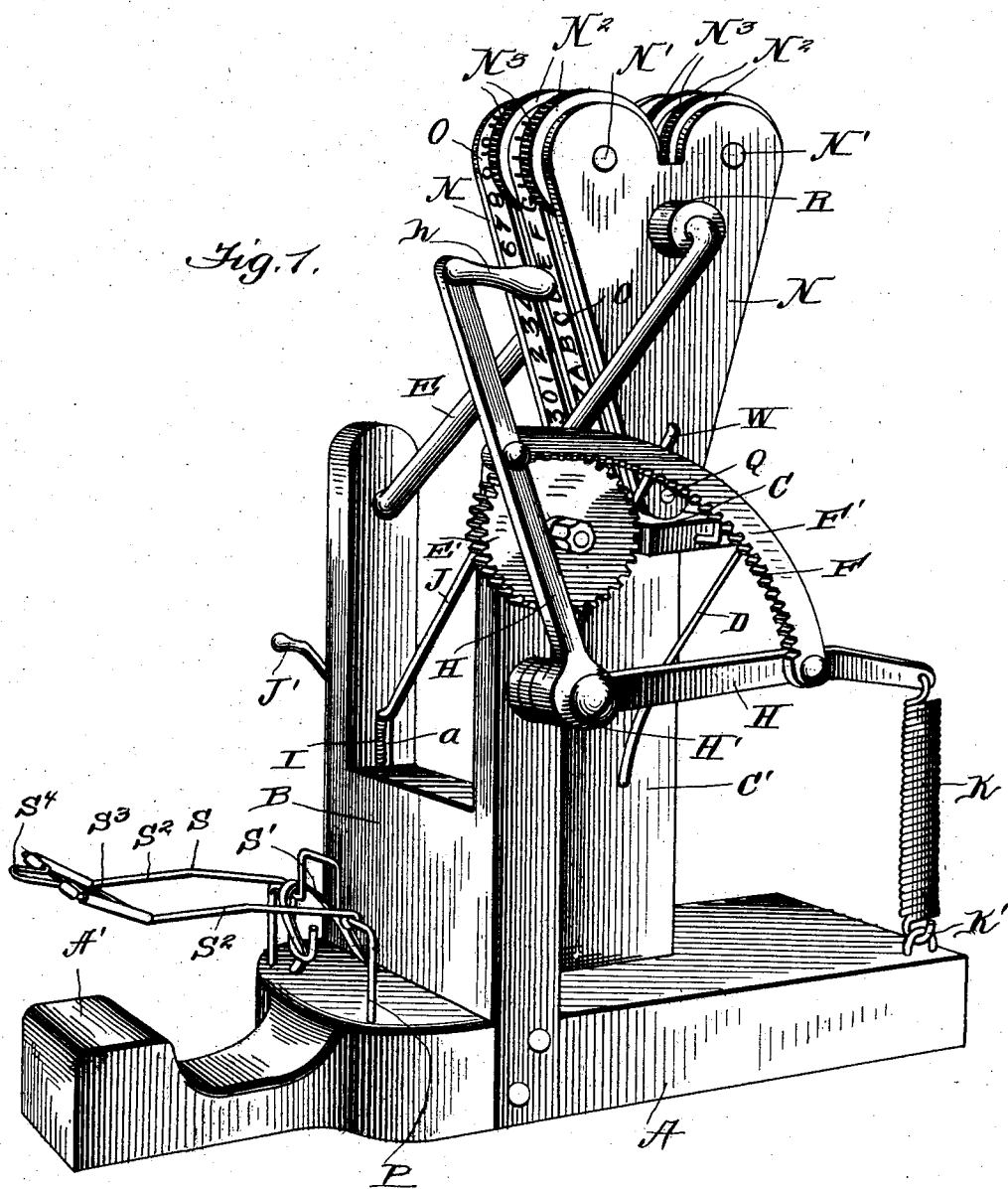
PATENTED AUG. 16, 1904.

G. A. BUNKER.
LAUNDRY MARKER.

APPLICATION FILED APR. 23, 1904.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses

R. A. Boswell,
J. M. Copenhagen.

Inventor

Chas A. Bunker,
By Franklin H. Strong

Attorney

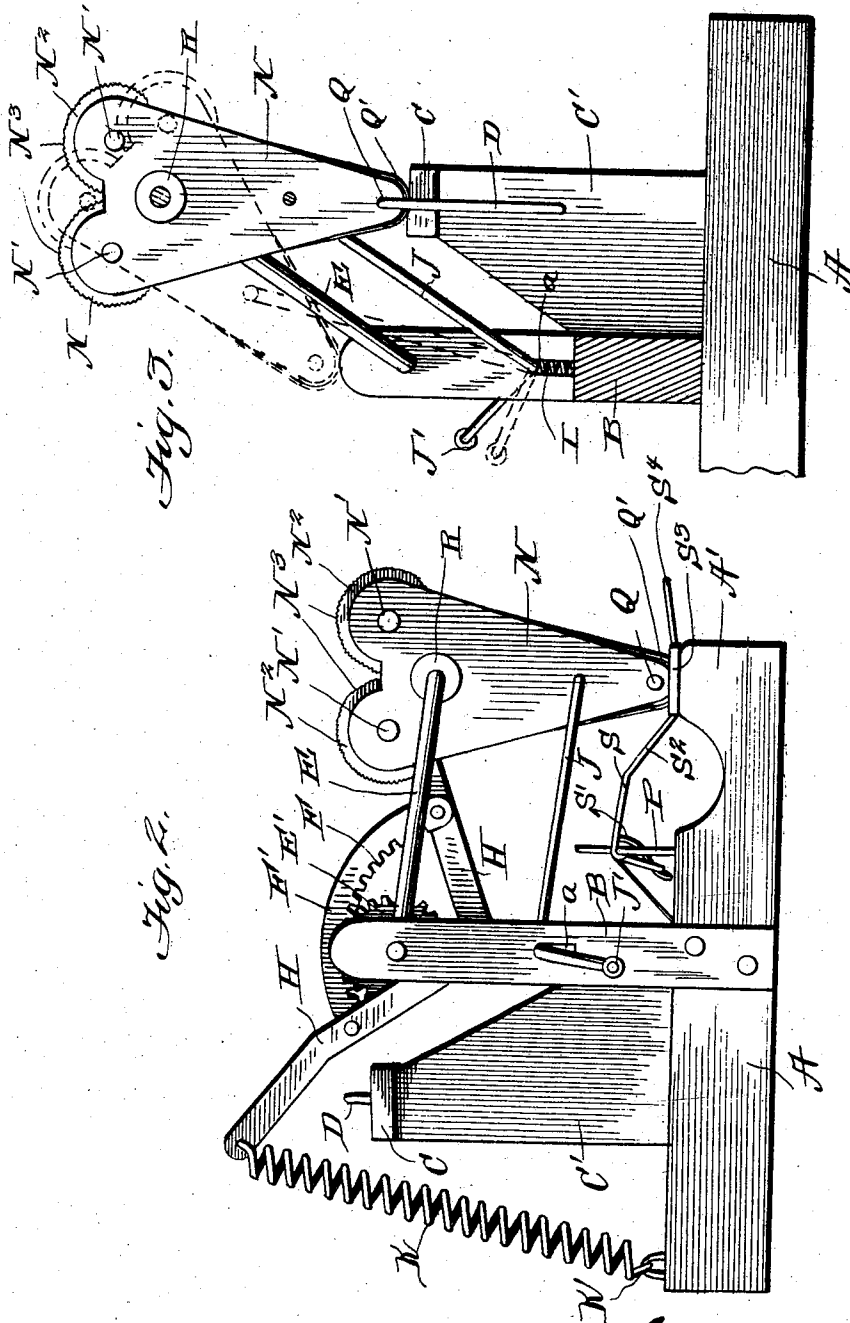
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C. A. BUNKER.
LAUNDRY MARKER.
APPLICATION FILED APR. 23, 1904.

NO MODEL

2 SHEETS—SHEET 2.



Witnesses

R. A. Boswell,
J. M. Copenhagen.

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UNITED STATES PATENT OFFICE.

CHARLES A. BUNKER, OF MARION, INDIANA.

LAUNDRY-MARKER.

SPECIFICATION forming part of Letters Patent No. 767,627, dated August 16, 1904.

Application filed April 23, 1904. Serial No. 204,619. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. BUNKER, a citizen of the United States, residing at Marion, in the county of Grant and State of Indiana, have invented certain new and useful Improvements in Laundry-Markers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in laundry-stamping apparatus; and the object of the invention is to produce a device of this character which will be simple in construction and efficient in operation and especially adapted for marking laundry articles.

The invention consists, further, in various details of construction and combinations and arrangements of parts, which will be hereinafter fully described and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which—

Figure 1 is a perspective view of my improved laundry-marking apparatus, showing the printing-band resting against the ink-pad. Fig. 2 is a side elevation showing the printing-band as thrown forward against the platen, and Fig. 3 is a sectional detail view showing a spring in elevation for throwing the figure-band away from the ink-pad.

Reference now being had to the details of drawings by letter, A designates a block having a platen A' upon a projecting portion thereof and upon which articles to be marked are placed. Rising from the block is a standard B and also an ink-pad C, mounted upon a suitable support C', rising from said block, and in order to hold the ink-pad securely a brace D is provided, which holds the same securely in a horizontal position. Mounted in the uprights of said standards are the ends of a crank-shaft E, which carries a pinion-wheel

E' on one end thereof which is adapted to mesh with the teeth F of a segment F'. Said segment is secured at its ends to the angle-lever H, which is pivotally mounted at H' upon one of the uprights of said standard, and a suitable handle h is fastened to one end of said lever, whereby the latter may be rocked upon its pivot. One end of the lever has a spring K secured thereto, the other end of said spring being fastened at K' to the block A, the purpose of said spring being to normally hold the lever in the position shown in Fig. 1 of the drawings.

N N designate two heart-shaped plates, intermediate which at the upper ends thereof are mounted two shafts N', upon which are journaled a series of wheels N², and each wheel has a milled flange N³, whereby each of the wheels may be rotated separately. There may be any number of said wheels and about which endless bands O pass, which carry letters of the alphabet or various characters. At the tapering ends of said plates N is mounted a shaft Q, upon which is mounted a series of rollers Q' and about which said endless bands are adapted to turn. The crank portion of said shaft passes through said plates and upon which the latter are journaled, suitable bosses R being provided and between which the two plates are journaled. A rod J is pivotally connected at one end to one of said plates N, and an angled portion of said rod is journaled in an elongated slot a in one of the uprights of the standard, and the outer end of said rod is bent to form a handle J'. A spring I is seated in said slot a and bears against the angled portion of said rod, the purpose of said spring being to cause the lower end of the heart-shaped plates carrying said bands to be thrown forward to disclose the letter or character upon the bands to be printed.

Projecting from the block A is a bracket member P, upon the horizontal portions of which a rack S is mounted, and a spring S', secured at one end to said standard, is attached to a loop formed at one end of said rack and serves to normally hold the latter away from the platen, as shown in Fig. 1 of the drawings. Said rack has two arms S² and a plate S³, carried at the outer portion there-

of, which plate has an elongated aperture therein to allow the tapering end of said band-carrying members to pass through for the purpose of causing an impression to be made upon a laundry article positioned underneath said plate. A portion of the rack is bent upon itself, forming a handle S^1 , whereby the latter may be held down against the platen, if desired. The object of said plate is for the purpose of holding a starched article, such as a collar or cuff, securely upon the platen while the marking is being accomplished. A rod W is fastened at one end to one of said plates and its other end pivotally connected to an upright of the standard, whereby the plates carrying the bands may be steadied as the latter rises to its highest position.

In operation the article to be marked is placed upon the platen and the lever is given a forward downward throw, which will cause the lower tapering end of the bands carrying the letters or characters to be thrown forcibly down against the article, as shown in side elevation of the drawings, and the spring secured to the other end of the lever will cause the heart-shaped device carrying the bands to return to its normal position against the ink-pad, and by means of the rod W the band-carrying member is steadied in its backward and forward movement.

While I have shown a particular detailed construction of apparatus illustrating the details of my marking device, it will be understood that I may alter the same, if desired, without in any way departing from the spirit of the invention.

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

1. A laundry-marker comprising an ink-pad and support therefor, a platen, a crank member journaled in suitable supports, a spring-actuated and pivotally-mounted rack, a type-carrier mounted upon said crank member, and means for throwing said type-carrier against the rack, whereby an article being marked may be held upon the platen, as set forth.

2. A laundry-marker comprising a standard, an ink-pad and support therefor, a crank member journaled in said standard, a pinion-wheel mounted upon an arm of said crank, a pivotal angle-lever having a curved segment-rack engaging said pinion-wheel, a platen, a type-carrier mounted upon said crank member, as set forth.

3. A laundry-marker comprising a standard, a crank member journaled in said standard, a type-carrier pivotally mounted upon said crank member, an ink-pad and means for supporting the same, a spring-actuated rod pivotally connected at one end to said type-carrier and its other end held to said standard, a platen, and gear mechanism for throwing

said type member from the ink-pad against said platen, as set forth.

4. A laundry-marker comprising a base, a standard rising therefrom, an ink-pad and support therefor, a platen, a crank member journaled in uprights of said standard, a type-carrier pivotally journaled upon said crank member, a pivotal angle-lever upon said standard, a pinion-wheel on one arm of said crank member engaged by a curved segment of said lever, a spring fastened to said lever at one end and its other end to said base and adapted to normally hold the type carried by said member against the ink-pad, as set forth.

5. A laundry-marker comprising a standard and base therefor, a crank member having arms journaled in said standards, a rack, an ink-pad and support therefor, plates journaled upon said crank member, wheels journaled between said plates, endless type-carrying bands mounted upon said wheels, a platen, gear mechanism for turning said crank member, whereby said plates will contact against said rack, as set forth.

6. A laundry-marker comprising a standard, a crank member journaled therein, plates journaled upon said crank member, wheels journaled between said plates, type-carrying bands passing about said wheels, a spring-actuated rod pivotally connected to said plates and having an angled portion extending through one of said standards, a spring bearing against said rod, and means actuated by said plates for holding an article upon said platen while being marked, as set forth.

7. In combination with the standard, a crank member pivotally mounted therein, an ink-pad and support therefor, a platen, a type-carrier mounted upon said crank member, a rack pivotally mounted upon a bracket member and provided with an apertured plate adapted to be depressed by said type-carrier against said platen, as set forth.

8. A laundry-marker comprising a standard, a base therefor, a platen formed on the projecting portion of said base, a bracket member secured to said base, a rack having arms pivotally mounted upon said bracket, an apertured plate forming a part of said rack and positioned adjacent to said platen, a spring normally holding the rack from contact with the platen, a crank member journaled in standards rising from said base, a type-carrier pivotally mounted upon said crank member and means for throwing said type-carrier forward and forcing said rack against an article to be marked which is placed upon the platen, as set forth.

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

CHAS. A. BUNKER.

Witnesses:

J. W. HOUGH,

D. H. EDWARDS.