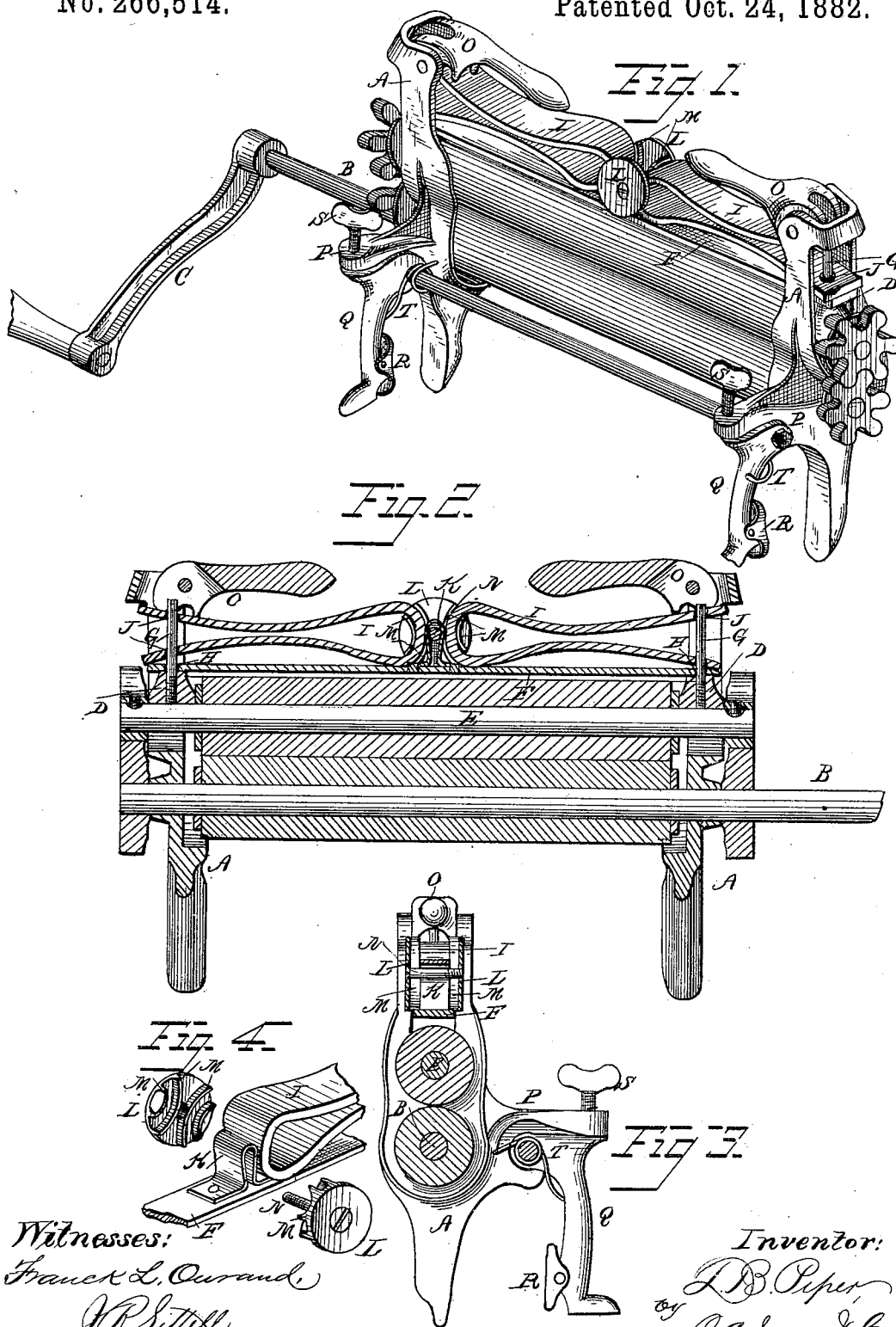


(No Model.)

D. B. PIPER.
CLOTHES WRINGER.

No. 266,514.

Patented Oct. 24, 1882.



Witnesses:
Frank L. Ourand,
J. R. Little,

Inventor:
D. B. Piper,
by C. A. Snorr & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

DENNIS B. PIPER, OF KEENE, NEW HAMPSHIRE, ASSIGNOR TO THE VICTOR WRINGER COMPANY.

CLOTHES-WRINGER.

SPECIFICATION forming part of Letters Patent No. 266,514, dated October 24, 1882.

Application filed September 2, 1882. (No model.)

To all whom it may concern:

Be it known that I, DENNIS B. PIPER, a citizen of the United States, residing at Keene, in the county of Cheshire and State of New Hampshire, have invented a new and useful Clothes-Wringer, of which the following is a specification, reference being had to the accompanying drawings.

Figure 1 is a perspective view of my improved wringing-machine. Fig. 2 is a vertical sectional view taken longitudinally through the rollers. Fig. 3 is a vertical cross section, and Fig. 4 is a detail view, of the spring fastening device.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to wringing-machines; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claim.

The frame of my improved clothes-wringer consists of two side pieces or castings, A, having permanent bearings for the shaft B of the lower roller, which is provided with a crank, C. The upper ends of the castings A are forked, to provide bearings for the boxes D, in which the shaft E of the upper roller is journaled.

F is an elastic bar or brace, placed over the upper roller, and resting upon the boxes D, which are provided with upward-projecting pins G, passing through holes H in the ends of said brace, which is thereby kept in position. Brace F serves to support the flat bent springs I I, the ends of which are provided with holes J, fitting over the pins or studs G, which thus retain the outer ends of the springs in position.

K is a bail or staple secured centrally to the brace F.

L L are plates or washers provided on their inner sides with flanges M, to accommodate the inner bent ends of the springs I, on opposite sides of which they are placed. Said plates or washers are connected by a screw, N, passing through the bail or staple K, and thus serve to secure the plates L and springs I firmly in position.

Pivoted at the upper forked ends of the side pieces or castings, A, are cam-levers O, serving to regulate the tension of the springs I.

The side pieces or castings, A A, are provided on their rear sides with brackets P, under which are pivoted bell-crank levers Q, provided at their lower ends with loose pivoted clamps R. Set-screws S, mounted in the brackets P, are arranged to operate the levers Q, which form clamps or holders for securing the machine to a wash-tub for operation. Springs T are arranged to force the lower ends of the levers Q in an outward and rearward direction, as shown.

I claim and desire to secure by Letters Patent of the United States—

The combination, with the frame, of the vertically-sliding boxes D, having upward-projecting pins G, the rollers, one of which is journaled in said boxes D, the brace F, having staple K, the springs I, the plates L, having flanges M, the screw N, and the cam-levers O, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

DENNIS B. PIPER.

Witnesses:

R. J. HOLT,
DON H. WOODWARD.