F. KRAPP.

IRONING PRESS.

APPLICATION FILED FEB. 8, 1907.

913,296. Patented Feb. 23, 1909.

Fig. 1.

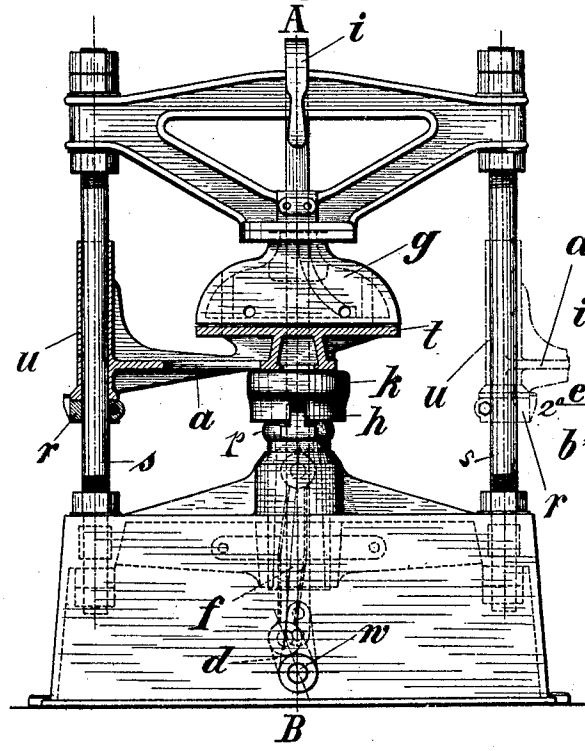


Fig. 2.

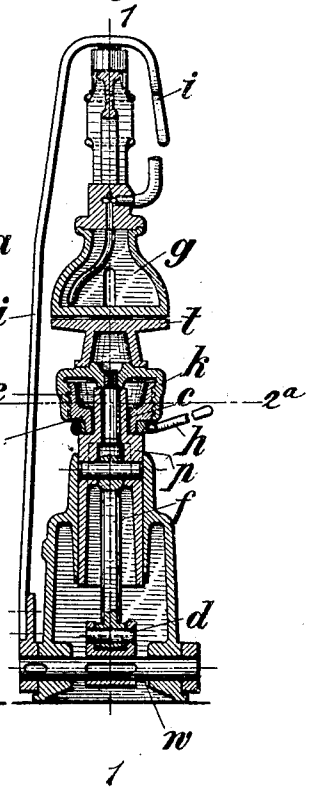
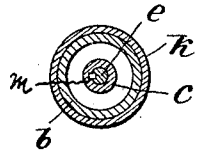


Fig. 2a.



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UNITED STATES PATENT OFFICE.

FRIEDRICH KRAPP, OF DUSSELDORF, GERMANY.

IRONING-PRESS.

No. 913,296. Specification of Letters Patent. Patented Feb. 23, 1909.

Application filed February 8, 1907. Serial No. 356,389.

To all whom it may concern:

Be it known that I, FRIEDRICH KRAPP, a citizen of Germany, residing at Dusseldorf, Germany, have invented new and useful Improvements in Ironing-Presses, of which the following is a specification.

This invention relates to an ironing press having a table that is provided with two separate or independent raising means, so that the table may be pressed first lightly and then more firmly against the iron.

In the accompanying drawings: Figure 1 is a vertical longitudinal section of my improved ironing press on line 1—1, Fig. 2; Fig. 2 a vertical transverse section on line A—B, Fig. 1; Fig. 2^a a cross section on line 2^a—2^a, Fig. 2.

A vertically movable piston *p*, has a stepped upper end for supporting thereon a rotatable sleeve *b*. This sleeve has a threaded surface to engage an internally threaded head *k*. A pin *e*, depending from this head enters a tubular projection *c*, of piston *p*, and is held thereto against rotation by a groove and feather connection *m*, shown in Fig. 2^a. Sleeve *b*, may be rotated by a hand lever *h*, to raise head *k*, upon piston *p*, without, however, rotating the head. Piston *p*, may be operated by a link *f*, pivoted to a lever *d*, which is fast on a rock-shaft *w*, turned by hand lever *i*. An ironing table *t*, which is supported on head *k*, may be moved sidewise thereon, so that a fresh cloth may be placed upon the same. To this effect table *t*, has an arm *a*, provided with a tubular sleeve *u*, that embraces one of the uprights *s*, of the press, and is supported upon a suitable shoulder *r*, thereof. The hollow iron *g*, is arranged vertically above table *t*, and may be heated by steam, gas or otherwise. If desired, two tables *t*, turning on diametrically opposite uprights *s*, may be provided, so that one table may be charged while the other table is in engagement with the iron.

In use, the charged table is swung upon head *k*, and then sleeve *b*, is rotated to screw the head firmly against iron *g*. Next, the hand lever *i*, is manipulated to force piston *p*, up and thus press the head against the iron with greater force.

I claim—

1. An ironing machine provided with a piston, a threaded sleeve rotatably mounted thereon, and a vertically movable threaded head engaging the sleeve, substantially as specified.

2. An ironing press provided with a piston, a threaded sleeve rotatably mounted thereon, a threaded head engaging the sleeve, and a groove and feather connection between head and piston, substantially as specified.

Signed by me at Dusseldorf, Germany, this fifteenth day of January, 1907.

FRIEDRICH KRAPP.

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