

(No Model.)

A. KREUTER.
IRONING MACHINE.

No. 536,958.

Patented Apr. 2, 1895.

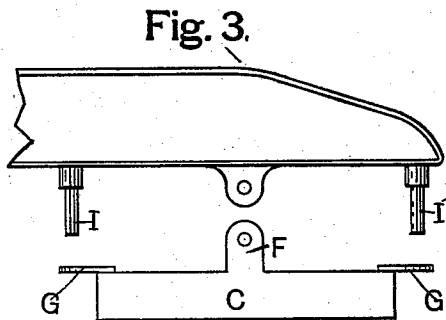
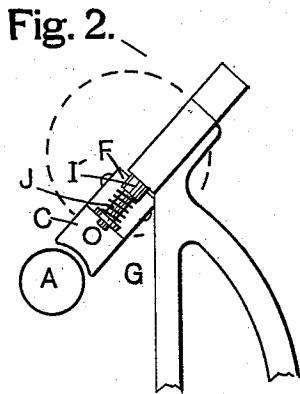
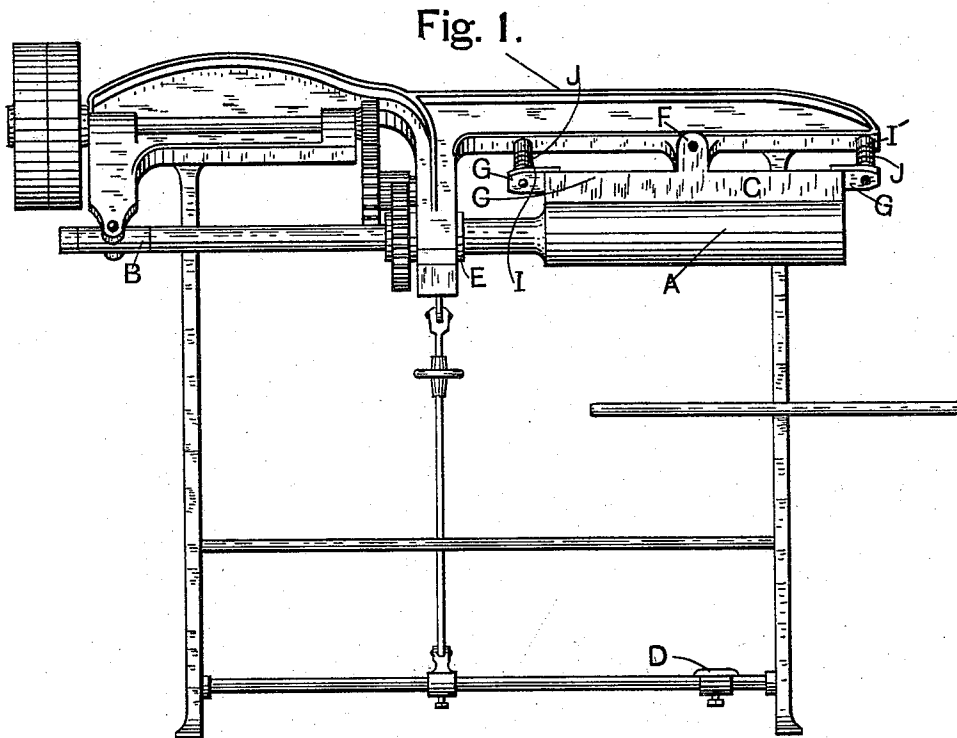
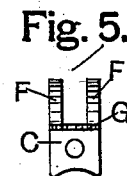


Fig. 4.



WITNESSES:

R. H. Hale
S. L. White.

INVENTOR:

Adam Kreuter
By his atty. Oscar Snell

UNITED STATES PATENT OFFICE.

ADAM KREUTER, OF CHICAGO, ILLINOIS.

IRONING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 536,958, dated April 2, 1895.

Application filed November 30, 1894. Serial No. 630,444. (No model.)

To all whom it may concern:

Be it known that I, ADAM KREUTER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Ironing-Machine, of which the following is a specification.

My invention relates to ironing machines which are provided with a stationary heated ironing block over which a revolving roller carries the goods which are being smoothed, and my object is to adapt this system to body ironers for shirts and like articles by so attaching the ironing block to the frame of the machine that it will automatically adjust itself to the usual irregularities produced by running through several thicknesses of goods at a time which sometimes become folded at one end of the roller or from seams or other obstructions, as is described hereinafter, and as illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation of a body ironer in which is embodied my improvement. Fig. 2 is a partial view of the right hand end of the machine showing relative position of the heated ironing block and roller. Fig. 3 is a top view of a portion of one end of the frame showing means for attaching the ironing block. Figs. 4 and 5 are, respectively, side and end views of the ironing block.

Similar letters indicate like parts throughout the several views.

The roller of the body ironer is shown at A with the left hand end of the shaft mounted in a swivel box B, so that the roller may be moved to and from the ironing block C by means of the foot treadle D which is connected in the usual manner to the sliding journal box E in which is mounted the roller shaft near the inside end of the roller.

The ironing block is pivotally mounted to

the frame of the machine at the center of its length, as shown at F, and at each end is a lug G, and each one of which has a hole through which projects a stud pin I or I' around which are helical springs J, each of about the same resiliency, one end of the springs bearing against the frame while the other bears against the lugs, whereby the ironing block is held in a yielding position relatively parallel to the face of the roller when it is near its highest limit of movement.

It is obvious that should folds or other obstructions be run under the ironing block at one end and not at the other, the springs will permit of a movement of the block so as to always hold it in contact with the material being ironed throughout its whole width.

I claim as my invention—

The combination in an ironing machine of a frame having a shaft mounted thereon in a swivel box at one end, and in a transversely sliding box at the other, whereby the shaft is adapted to vibrate laterally at one end; a roller projecting from the laterally movable end of the shaft; and to the frame an ironing block pivoted near the center of its length opposite the roller, whereby the ends of the block are adapted to vibrate to and from the roller as shown, springs at the ends of the block adapted to yieldingly hold the face thereof parallel with the face of the roller, and means for vibrating the roller to and from the ironing block, as hereinbefore stated.

In testimony that I claim the foregoing I have hereunto set my hand, this 21st day of November, 1894, in the presence of witnesses.

ADAM KREUTER.

Witnesses:

OSCAR SNELL,
GEORGE VAN ZANDT.