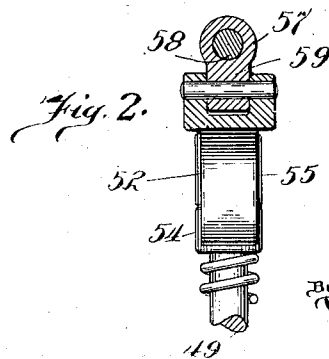
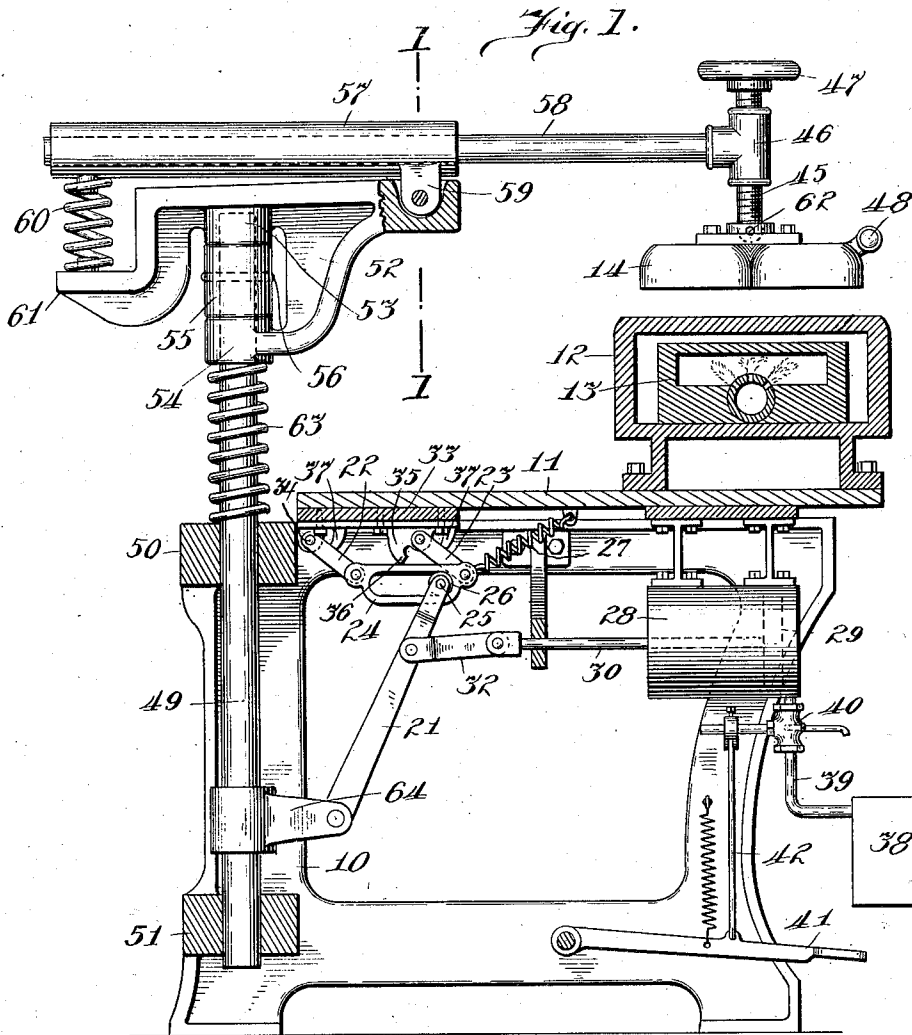


P. JONESKU.
 IRONING MACHINE.
 APPLICATION FILED OCT. 24, 1910.

994,466.

Patented June 6, 1911.



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UNITED STATES PATENT OFFICE.

PETER JONESKU, OF CHICAGO, ILLINOIS.

IRONING-MACHINE.

994,466.

Specification of Letters Patent.

Patented June 6, 1911.

Application filed October 24, 1910. Serial No. 588,908.

To all whom it may concern:

Be it known that I, PETER JONESKU, a citizen of the Kingdom of Roumania, and a resident of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Ironing-Machines, of which the following is a specification, and which are illustrated in the accompanying drawings, forming a part thereof.

The invention relates to machines particularly adapted for the use of tailors in pressing clothes; its object being to provide a simple, powerful and generally effective machine of this character; the invention consisting in a device as hereinafter described, and as illustrated in the accompanying drawings in which—

Figure 1 is a vertical section of the machine and Fig. 2 is a detail section on the line 1—1 of Fig. 1.

The machine as shown in the drawings is an improvement upon the machine forming the subject of my pending application for patent Serial No. 595,985, filed December 6, 1910.

The machine consists essentially of a frame carrying a buck, there being mounted on the frame a vertically-reciprocating standard with mechanism, as hereinafter described, for actuating it, this standard carrying a swiveled and telescoping arm upon the outer end of which there is mounted an iron which coöperates with the buck. The frame is designated in the drawings by the numeral 10. Upon this frame there is mounted a table 11, to which there is attached a buck 12 provided with a heating appliance 13 of any desired construction. With this buck there coöperates an iron 14. A vertically reciprocating standard, taking the form of a bar 49, slides through a pair of horizontal members 50, 51, of the frame 10. The mechanism for drawing down the standard is similar to that shown in my pending application above referred to, and consists of a toggle comprising a swinging arm 21 pivotally attached at its lower end to a bracket 64 fixed upon the standard 49, and an upper member consisting of a pair of parallel links 22, 23, pivotally attached to the under side of the table 11 through the medium of a plate 33 bolted to the under face of the table and provided with de-

pending lugs 34, 35, to which the links 22, 23, are respectively attached. These links are united at their lower ends by means of a slotted link 24. A pin 25, carried at the upper end of the arm 21 and provided with an anti-friction roller 26, works in the slot of the link 24. Stops 36, 37, depending from the plate 33, limit the oscillation of the links.

A suitable source of fluid pressure, such as compressed air, is provided, there being conventionally shown for this purpose a tank 38, connected with the cylinder 28 by means of a pipe 39, within which is located a suitable valve, as at 40, for controlling the admission and discharge of air to and from the cylinder, this valve being operated by means of a spring-retracted pedal 41 connected with the valve stem by means of a link 42. A piston, shown in dotted lines, reciprocates within the cylinder and is provided with a rod 30, connected by means of the link 32 with the arm 21.

A retracting spring 27 connects the loop 24 with the cable 11, normally holding the upper toggle member in the retracted position. A head 52 is swiveled upon the upper end of the bar 49, being, as shown, in the form of a casting having a socketed hub 53 for receiving the upper end of the bar 49, and a lower hub 54 through which the bar passes, a sleeve 55 being mounted upon the bar between these two hubs and secured thereto by suitable means such as a pin 56. The telescoping arm for carrying the iron 14 comprises a tubular member 57 and a bar 58 sliding therein, to the outer end of which the iron is secured. The tubular member 57 is provided adjacent its forward end with a lug 59, which is pivotally secured to the head 52. A spring 60 connects the rearward end of the tubular member 57 with a backwardly-projecting shoulder 61 of the head 52. This spring is of such length that it holds the telescoping arm in substantially horizontal position.

When the iron is brought down upon the work the spring 60 is compressed, the downward movement of the outer end of the arm being limited by its contact with the upper face of the head 52. In order to insure a uniform pressure of the face of the iron 14 upon the work, it is in jointed engagement with the stem 45, as shown at 62. A spring

63, coiled about the bar 49, reacts between the top of the frame 10 and the hub 54 to hold the iron in its upper position.

I claim as my invention—

- 5 1. In an ironing machine, in combination, a supporting frame, a vertically reciprocating standard mounted upon the frame, a toggle lever reacting between the frame and the standard, the members of the toggle being united by a sliding pivot, means for
10 limiting the movement of one member of the toggle lever, means for applying actuating power to the other member of such lever, a head swiveled upon the standard, a telescoping arm carried by the head and having a
15 rocking movement thereon, an iron carried by the arm, and a buck mounted on the frame for engagement by the iron.
- 20 2. In an ironing machine, in combination, a supporting frame, a vertically reciprocating standard mounted upon the frame, a toggle lever reacting between the frame and the standard, the members of the toggle being united by a sliding pivot, means for

limiting the movement of one member of the 25
toggle lever, means for applying actuating power to the other member of such lever, a head swiveled upon the standard, a telescoping arm carried by the head and having a
30 rocking movement thereon, a spring urging the arm in one direction, an iron carried by the arm, and a buck mounted on the frame for engagement by the iron.

3. In an ironing machine, in combination, a supporting frame, a vertically reciprocating standard, a spring reacting between the 35
standard and frame and urging the standard upward, means for drawing the standard downward, a head swiveled upon the standard, a telescoping arm pivoted upon the head
40 to rock in vertical plane, a spring resisting the upward movement of the outer end of the arm, an iron carried by the arm, and a buck cooperating with the iron.

PETER JONESKU.

Witnesses:

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