Aug. 28, 1928. 1,681,965

W. A. ZEIDLER

PAD FOR MANGLE ROLLERS, IRONING BOARDS, AND THE LIKE

Filed Oct. 24, 1922

Fig. 1.

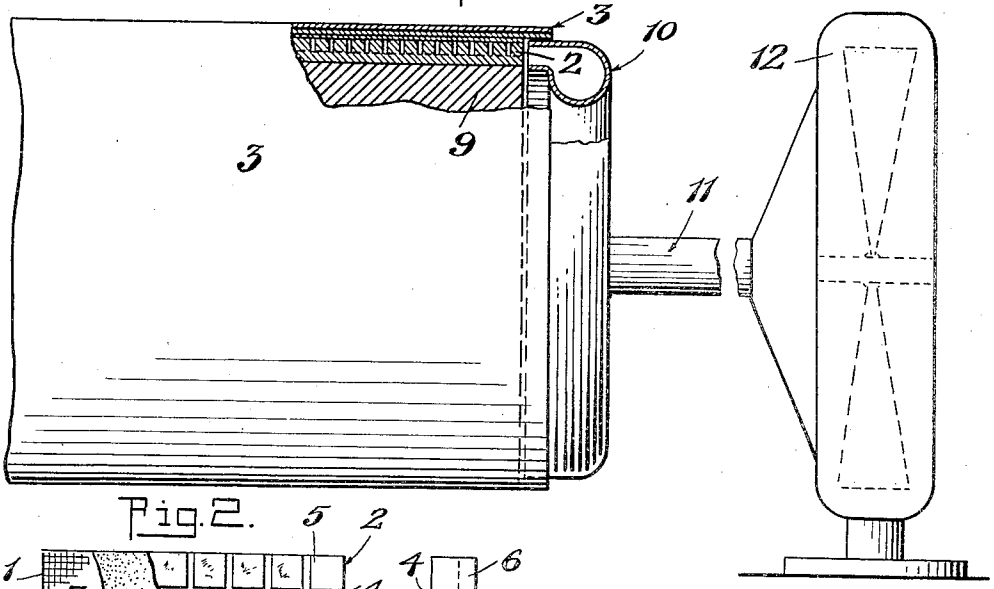


Fig. 2.

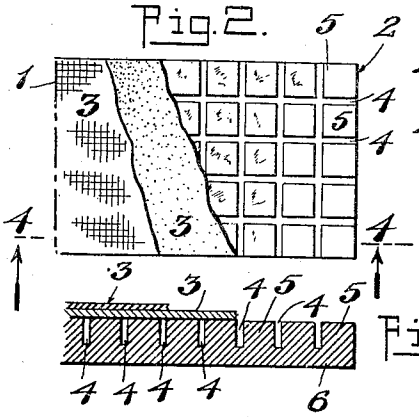


Fig. 3.

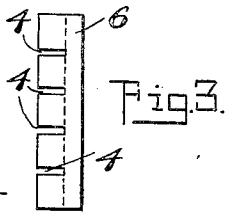


Fig. 4.

Fig. 5.

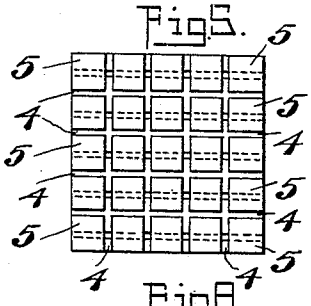


Fig. 6.

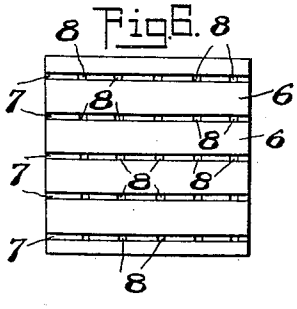


Fig. 7.

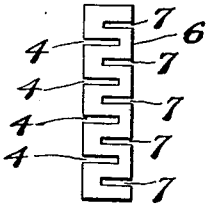
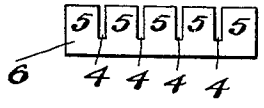


Fig. 8.



Inventor

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By his Attorney

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Patented Aug. 28, 1928. 1,681,965

UNITED STATES PATENT OFFICE.

WILLIAM A. ZEIDLER, OF NEW YORK, N. Y., ASSIGNOR TO ZEIDLER ECONOMY SPRING PAD CO., INC., OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

PAD FOR MANGLE ROLLERS, IRONING BOARDS, AND THE LIKE.

Application filed October 24, 1922. Serial No. 596,669.

The object of my invention is to provide a pad which may be used in the presence of any and all temperatures incidental to ironing, which will not be injuriously affected by moisture which will be neither too hard nor too soft under and conditions of service and which will be durable and capable of ventilation. This and other objects accomplished by my invention, some embodiments of which are hereinafter more particularly set forth.

For a more detailed description of my invention, reference is to be had to the accompanying drawings, forming a part hereof, in which

Figure 1 is a side elevation of a roller and ventilating apparatus embodying my invention, a part being broken away to reveal the structure.

Figure 2 is a plan view of a portion of a pad embodying my invention, parts being broken away to reveal the structure.

Figure 3 is a side elevation of the base of the pad which, in the preferred embodiment of my invention, is made of cork.

Figure 4 is a sectional view taken on the line 4—4 of Figure 2, looking in the direction of the arrows.

Figures 5, 6, 7 and 8 show a slightly modified structure.

Throughout the various views of the drawings, similar reference characters designate similar parts.

My improved pad 1 is composed of a base 2 and a covering 3 which may be made in as many layers as desired, although as a rule very few layers are required. The base 2, in the preferred embodiment of my invention, is composed of compressed cork which is provided with a number of incisions 4 which divide one surface into a number of squares 5 which rise from a base 6. These incisions 4 are made either before or after the cork is compressed. The cork is compressed in any suitable manner as by being run through rollers which will momentarily reduce its thickness.

In the modification of my invention shown in Figures 5 to 8 inclusive, the base 6 is also slit with a number of incisions 7 which are deep enough to connect with the slits 4 to form openings 8 through which air or vapor may pass so that if a pad of this form is used on the head or buck of a garment pressing machine, both air and vapor may readily be drawn through the pad.

This pad 1 when made as above described, may be applied anywhere desired. As the base 6 is flexible, it may be bent about and secured to a roller 9 which has its cloth covering 3 extending beyond the base 2 so as to overlap an annular pipe 10 which may be supplied with air through a stud pipe 11 that runs a blower 12 which is run in any suitable manner, whereby air may be circulated through the base 9 and withdraw any moisture or steam which is derived from the cloth 3 and remove the same from the pad so that the pad will always remain dry. Often this blower is entirely unnecessary because the heat which generates the steam in the cloth 3 gives this steam sufficient pressure to force itself out through the slots 4 in the base 2 so that the pad is automatically maintained in its proper condition. In any event, this pad will fulfill all the requirements above given and remain capable of ventilation, durable, resilient without being too soft and it is capable of either insertion or removal with great facility as it may be held in place by a cement or wire lying in a groove 4, as is obvious.

While I have shown and described some embodiments of my invention, it is obvious that it is not restricted thereto, but that it is broad enough to cover all structures that come within the scope of the annexed claims.

Having thus described my invention, what I claim is:

1. A base for a pad for ironing machines and the like composed of a sheet of cork with intersecting incisions.

2. A base for a pad for ironing machines and the like composed of a sheet of cork having a set of incisions on one face and a second set of incisions on the other face, said incisions running in different directions and being made sufficiently deep so that at points the incisions on the opposite faces will meet and form openings.

3. An ironing device, comprising a support, and a padding unit applied to said support and consisting of a body portion of substantially solid resilient material provided with a plurality of distinct protuberances of like material separated by unobstructed open spaces, said protuberances be-

ing arranged sufficiently close together to afford a substantially continuous yielding ironing surface.

4. In an ironing machine, a support, a body of resilient material applied as a single unit to said support and having its upper surface formed as a plurality of distinct protuberances separated by unobstructed open spaces, and a cover applied to said protuberances so as to afford a substantially continuous yielding ironing surface.

5. An ironing device, comprising a support, and a padding unit applied to said support and consisting of a body portion of substantially solid resilient material and provided on both faces with a plurality of distinct portions of like material projecting from the body of the material, said portions being separated by unobstructed open spaces, and said portions being arranged sufficiently close together so that the unit has a continuous yielding ironing surface.

Signed at the city of New York, county of Bronx, and State of New York, this 17th day of October, 1922.

WILLIAM A. ZEIDLER.