

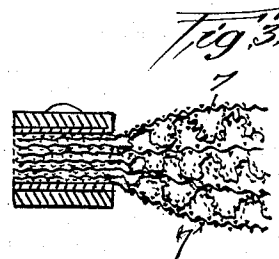
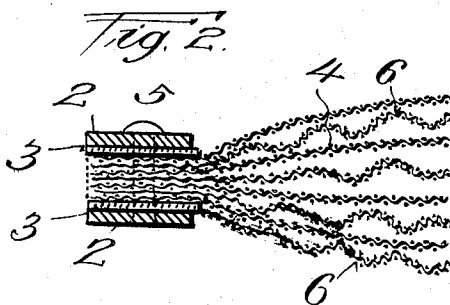
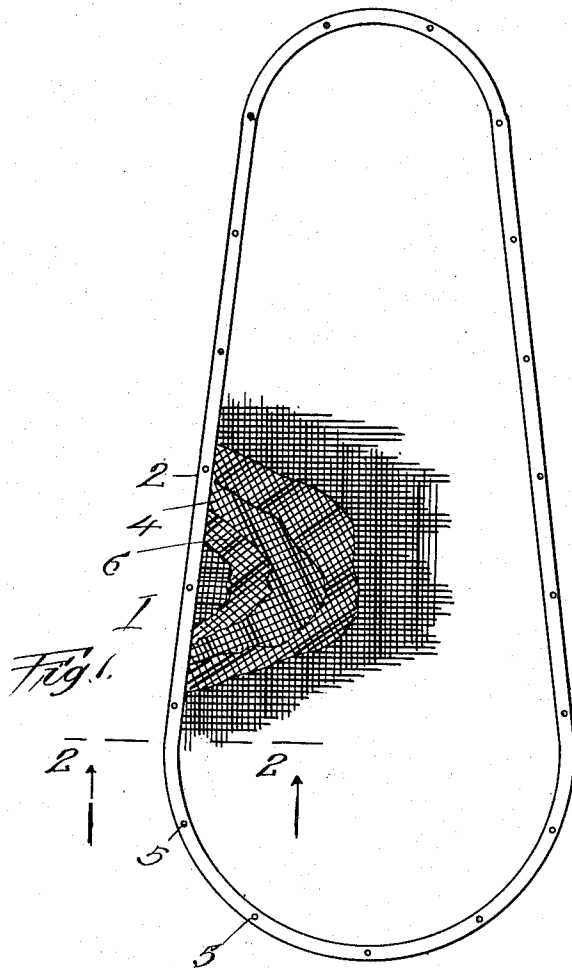
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PAD FOR LAUNDRY AND OTHER MACHINES

Filed March 18, 1922



INVENTOR

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UNITED STATES PATENT OFFICE.

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PAD FOR LAUNDRY AND OTHER MACHINES.

Application filed March 18, 1922. Serial No. 544,735.

To all who it may concern:

Be it known that I, WILLIAM A. ZEIDLER, a citizen of the United States, and a resident of the city of New York, county of Bronx, and State of New York, have invented a new and useful Improvement in Pads for Laundry and Other Machines, of which the following is a specification.

The object of my invention is to provide a metallic body which can be made as resilient as desired, and through which air or steam may be passed so that when this resilient body is in use with a suitable covering of cloth or felt, any solid article such as a button may be pressed into the pad without injury either to the pad or the button and moisture and steam and air may be passed through the pad either to moisten a garment or to dry the same, as may be desired, and because of the free exhaust through the resilient body the pad will never get soggy when in use. This object is accomplished by my invention, one embodiment of which is 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 plan view of a resilient body embodying my invention.

Figure 2 is a sectional view, taken on the line 2-2 of Figure 1, looking in the direction of the arrows.

Figure 3 is a sectional view of a modified structure.

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

In the embodiments of my invention herein shown, a body 1 is provided with boundary strips 2 of brass or other suitable material which may, if desired, have their inner face covered with asbestos 3 or other suitable packing, and between this packing is placed wire mesh 4 in as many layers as desired. This wire mesh is held firmly by rivets 5 that pass through the boundary strips 2 and intervening parts and connect them as shown.

The wire mesh 4 is preferably made of copper wire, sixteen gage, that is with about sixteen meshes per linear inch, and in some embodiments of my invention the layers

are corrugated as shown at 6. The corrugations may be made of wave length proportionate to the pressure to which the body 1 is to be subjected, and the amount of resiliency desired. For a great resiliency the wave length is short and where a rigid body is desired, the wave length should be correspondingly long or may be abolished altogether. The number of layers will also be a factor in determining the resiliency of the body.

In the preferred embodiment of my invention, the corrugations 6 are arranged so that in adjacent layers they are at substantially right angles, but if desired this angle may be changed.

In Figure 3 the outside layers 7 are without corrugations and the inside layers are corrugated, as above described, so that a cloth or other substance will rest more smoothly on the pad. This is the preferred embodiment of my invention.

A body made, as above described, may have any desired degree of resiliency and will adequately support the felt or cloth or other covering used over the body in the heaviest sort of laundry machine work, and yet will allow the same to be steamed or dried with the greatest facility, according to the functioning of the machine.

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. In a body for laundry machine pads, a plurality of layers of corrugated wire mesh, the corrugations of adjacent layers crossing each other at an angle and means for securing the layers together.

2. In a body for laundry machine pads, a plurality of layers of plain and corrugated wire mesh and means for holding the same together so that the plain wire mesh will be on the outside and the corrugated mesh on the inside with the corrugations in adjacent layers running in different directions.

In witness whereof, I have hereunto set my hand and seal this 13 day of March, 1922.

WILLIAM A. ZEIDLER.