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O. MUCKENHIRN

2,093,052

MOP

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Fig. 1.

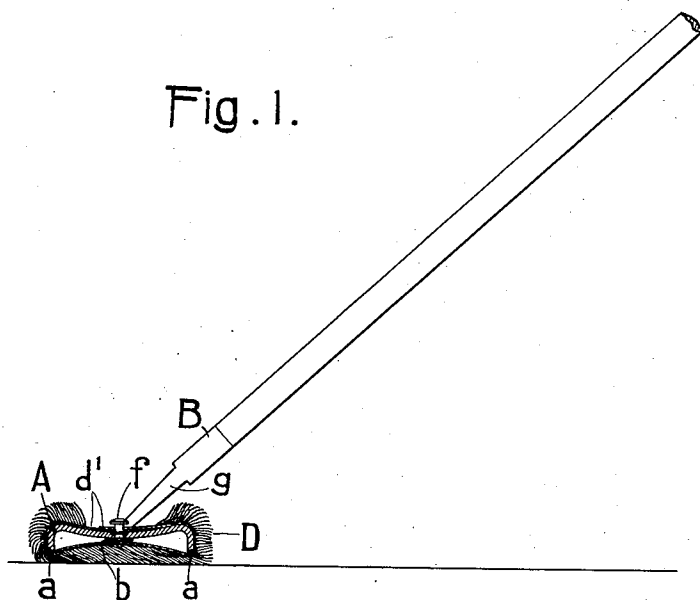


Fig. 2.

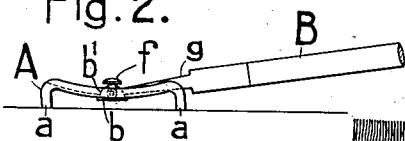


Fig. 4.

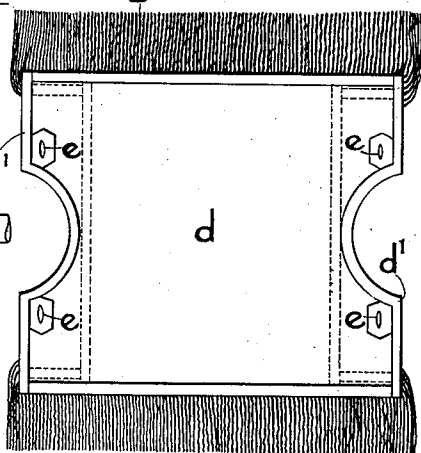
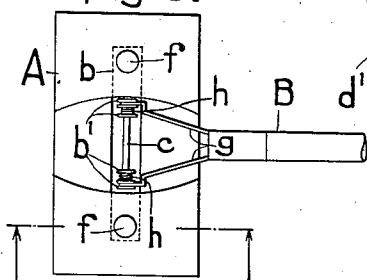


Fig. 3.



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MOP

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2 Claims. (Cl. 15-229)

The usual mops serving for instance as dusters are not completely satisfactory with regard to their use. They have especially the drawback that it is rather inconvenient to remove the dust therefrom and it is further very troublesome to clean them thoroughly by washing. The mop according to the present invention is considerably improved in comparison with similar implements known hitherto, inasmuch as the working with it is made easier and besides its thorough washing can be performed without any great trouble. This mop comprises a head plate provided with two marginal ribs on its lower face and a dusting rag with a tangled bunch of cotton or the like folded over this head plate and detachably fixed thereto in such a manner that it is allowed to enter below the plate into the space between the two said marginal ribs, in order to thus ensure a better seating thereof on the head plate and to prevent its slip thereon. Under these circumstances the mop is able to fit itself to the conditions of the floor, whereby its tendency to cant over on dusting uneven or rough floors is eliminated. A constructional embodiment of the invention, given by way of example only, is illustrated in the accompanying drawing.

Figure 1 shows a complete view of this embodiment,

Figure 2 shows the mop without the dusting rag,

Figure 3 is a plan view corresponding to Figure 2, and

Figure 4 shows the dusting rag developed into the plane of the drawing.

A is the head plate and B the handle which is pivotally fixed to this head plate on the upper face thereof. This pivotal fixation is realized in the example shown by means of a piece *b* adapted to the lower face of the head plate A and provided with ears *b*¹ protruding through a slot in the head plate A and receiving an axle *c* on which the handle B is pivotally mounted by means of a fork-like member *g*. On the axle *c* are provided helical springs *h* arranged to produce a braking in the hinges thus formed which is sufficient to have the handle B maintained itself in any desired position. D is the dusting rag, the body *d* of which is provided with a tangled bunch of twisted cotton or the like and on its front and rear edges with two overlapping parts *d*¹, by means of which the dusting rag, applied to the lower face of the head plate A, is folded over onto the upper face of said plate.

The overlapping parts *d*¹ are provided with button holes *e* (Fig. 4) by means of which the dusting rag D is detachably fixed to corresponding buttons *f* provided on the upper face of the head plate A. With this fixation by means of buttons and button holes the dusting rag D can easily and rapidly be removed from and applied to the head plate A, so that cleaning or washing of the same can be effected without any difficulty.

The head plate A is provided on its lower face at the front and rear edges respectively with a longitudinal rib *a*. By means of this arrangement, the dusting rag D is allowed to enter into the space between the two ribs *a*, so that by the use of the mop the rag D is held on its seat, thereby preventing slipping thereof from its working position. Besides, the dusting rag D is able to fit itself to uneven and rough floors, so that the tendency of the implement to cant over is eliminated.

What I claim is:—

1. A mop comprising a head plate with rigidly formed downwardly projecting ribs on its lower face defining an opening therebetween, a dust cloth stretched across said opening and having its ends removably secured to the head plate, said dust cloth having tangled fibres projecting from the working surface thereof and which, upon contact with a surface to be cleaned, force the dust cloth into the opening between the ribs, whereby to assist in fixing the dust cloth relatively to the head plate.

2. A mop comprising a one-piece head plate including a flat portion and rigidly formed downwardly extending ribs at the margins thereof defining an opening therebetween, means for attaching a handle to said head plate, a dust cloth stretched across said opening and having the ends thereof turned over on said flat portion of the head plate and overlapping each other, a button on the flat portion of the head plate and cooperating button holes in the respective ends of the dust cloth for removably securing the overlapped ends thereof to said button, said dust cloth having tangled fibres projecting from the working surface thereof, and which, upon contact with a surface to be cleaned, force the dust cloth into the opening between the ribs, whereby to assist in fixing the dust cloth relatively to the head plate.

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