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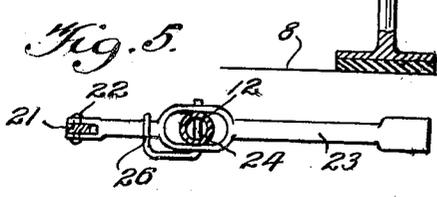
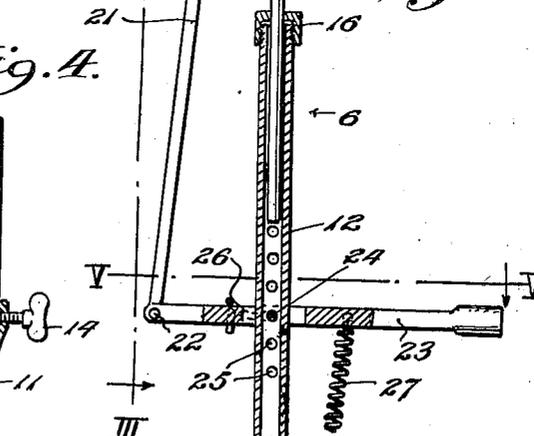
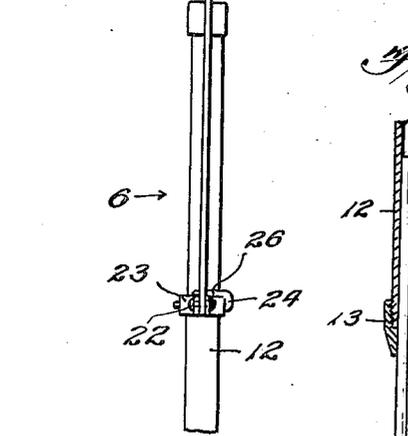
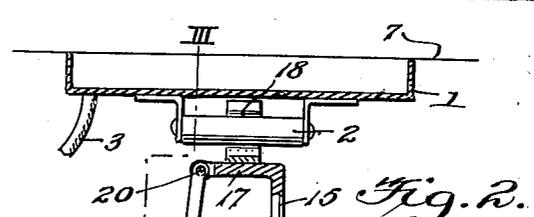
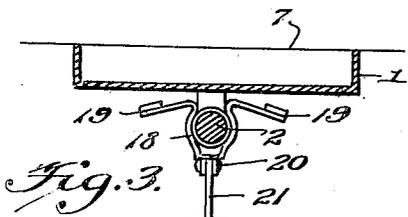
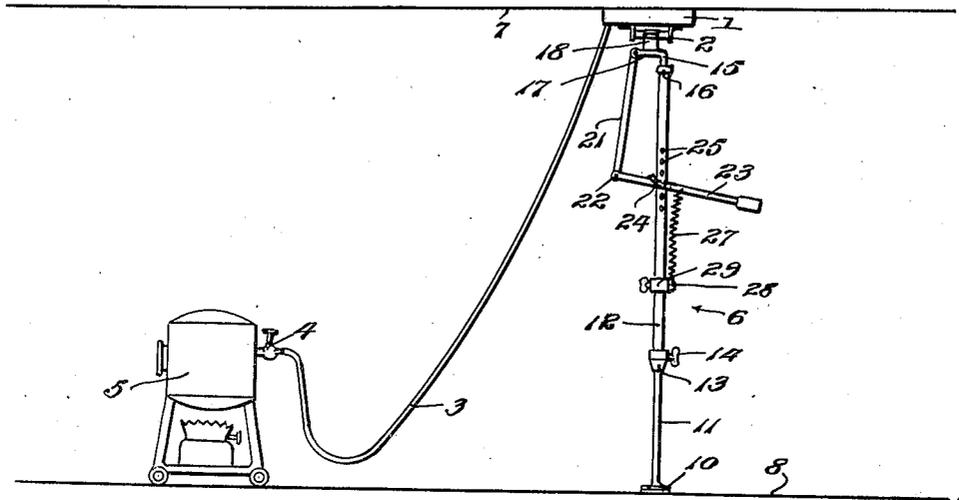
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2,332,240

ADJUSTABLE DEVICE FOR SUPPORTING WALL PAPER STEAMING PANS

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Fig. 1.



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ADJUSTABLE DEVICE FOR SUPPORTING WALLPAPER STEAMING PANS

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4 Claims. (Cl. 248—161)

The purpose of the present invention is to provide an improved adjustable supporting means for wall paper steaming pans.

In the removal of wall paper, from wall surfaces, it is a common practice to soften the paper by steaming the same in order that its adherence with the wall surfaces may be destroyed and the paper quickly and conveniently removed. In effecting this operation, use is made ordinarily of a small portable steam generator which is connected by a length of flexible tubing with an open-ended steaming pan. In practice, this steaming pan is manually held and moved from place to place over the wall surface as the paper is removed. While this operation may be carried out conveniently on vertical walls, it is awkward, tedious and laborious to use the same on room ceilings, particularly with the operator standing on scaffolds or other elevated supporting means.

Accordingly, it is one of the primary objects of the present invention to provide an improved adjustable supporting device by means of which the steaming pan may be kept in contact with the surface of a room ceiling without subjecting its operator to unusual or sustained fatigue-producing conditions.

Another object of the invention resides in a steaming pan support comprising a pair of standards composed of a pair of telescopic members having means for maintaining their relative positions of adjustment, the lower of said members being adapted for engagement with a floor surface and the upper of said members carrying a vertically movable pan holder, there being pivoted lever means mounted on the upper member of the standard to effect the raising and lowering of the pan holder and the pan carried thereby in effecting the operation of the device.

It is a further object of the invention to so form the pan holder that the steaming pan associated therewith may be moved over a considerable area of the wall or ceiling surface without requiring change in position of the lower part of the supporting standard where it engages with the floor or other base surface.

Still, a further object resides in the provision of a simple, easily operated and inexpensive device for relieving a wall paper operator of the task of supporting a steaming pan when the latter is used on room ceilings.

For a further understanding of the invention, reference is to be had to the following description and the accompanying drawing, wherein:

Fig. 1 is a side elevational view of a wall paper

steaming pan support formed in accordance with the present invention;

Fig. 2 is a vertical sectional view taken through the upper portion of the support;

Fig. 3 is a transverse sectional view on the plane indicated by the line III—III of Fig. 2;

Fig. 4 is a detail sectional view taken through the lower portion of the support;

Fig. 5 is a horizontal sectional view on the plane indicated by the line V—V of Fig. 2.

Referring more particularly to the drawing, the numeral 1 designates a wall paper steaming pan, the same being of conventional construction and having an open side which is adapted to be placed against the wall paper to be softened and removed by the action of steam, the bottom of the pan being equipped with a manipulating handle 2. The pan is connected, as usual, by means of a length of flexible tubing 3 with the valved steam outlet 4 of a small portable steam generating unit 5. The present invention resides in the provision of an improved adjustable supporting standard, indicated generally at 6, adapted for use in maintaining the steaming pan in contact with the surfaces of a room ceiling, indicated at 7, the lower portion of the standard being engaged with the floor or other base surface 8 of a room.

The standard 6 comprises a base section which is formed with a floor-engaging pad or cushion 10 from which arises a metallic rod 11 of suitable length. The upper portion of the rod 11 is telescoped within the lower portion of a length of vertical tubing 12. The lower end of said tubing is formed with a reinforcing collar 13 in which is received a set screw 14, the latter being of the hand-operated type so that it may be conveniently operated to retain frictionally the rod and tubing in various positions of relative adjustment, adapting the standard to different room heights.

The upper end of the tubing receives the sliding stem 15 of a pan holder. The upper portion of the stem 15 passes through a nipple 16 provided on the upper end of the tubing 12 and, above said nipple, the stem 15 terminates in a horizontally disposed seating extension 17. Seated upon the extension 17 is a resilient clamp 18, the curved jaws of which having clamping engagement with the handle 2 of the pan 1. The side jaws of the clamp 18 at their upper ends terminate in laterally and downwardly directed wings 19, which are so disposed as to admit of tilting of the standard from a truly vertical position for the purpose of permitting the steaming pan to contact an extended area of the ceiling

surface without changing the position of the base section of the standard where it contacts the floor. This avoids frequent adjustment in the operating position of the standard and enables the latter to be used without interfering with the desired rapidity in the operations of removing wall paper from the ceiling surface.

In effecting the support of the stem 15, the outer end of the extension 17 is pivotally connected as at 20 with the upper end of a link 21. The lower end of this link is pivotally connected as at 22 with one end of an operating lever 23. The intermediate portion of this lever is apertured for the reception of a removable pin 24 which also passes through registering openings 25 formed in the tubing 12. The pin 24 is provided at one side with a curved extremity 26 which loosely fits over the lever 23 to hold the pin against accidental displacement. By manually pressing the lever 23, and rocking the same about the axis 24, the holder extension may be elevated, thereby maintaining the open side of the steaming pan in desired engagement with the ceiling surface of the room. This may be done by operating the lever manually or, if desired, by the use of a coil spring 27, the upper end of this spring being engaged with the lever 23 on the opposite side of the standard as regards the link 21, the lower end of said spring being connected as at 28 to a collar 29 which is adjustable on the tubing 12. The use of the spring 27 is optional since the device can be used advantageously when the operator depresses the lever manually.

In view of the foregoing, it will be seen that the present invention provides an improved device for effecting the support of a wall paper steaming pan when the latter is used to remove old wall paper from the ceiling. In the operation of this steaming pan, live steam is brought directly onto the face of the wall paper, thereby destroying the adhesive properties of the paste between the paper and the wall, thus causing the paper to become loosened or disengaged from the wall so that it may be easily removed. Prior devices for effecting the support of the steaming pan have, in the main, been formed to embody extensible standards which require change in position of such standards for each new operative position which the steaming pan occupies on the wall surface. This has interfered with the desired rapidity of operation. By use of the lever arrangement disclosed herein, the steaming pan, without adjusting the effective length of the standard, may be moved from place to place over the ceiling surface, so that a comparatively wide area of wall surface may be operated upon before any change in position of the standard is necessary, and these changes in

position may be quickly executed by the mere actuation of the pivoted lever.

What I claim is:

1. Supporting means for wall paper steaming pans comprising a standard composed of a pair of telescopically engaged sections, a pan holder having a depending stem received within a vertical guide formed with the upper section of said standard, clamping means carried by said holder with which the handle structure of a steaming pan has rocking engagement, a lever pivotally mounted on the upper section of said standard, and a link uniting said lever with said pan holder and operative to raise and lower said holder upon pivotal swinging movement of said lever.

2. Supporting means for wall paper steaming pans comprising a standard composed of a pair of telescopically engaged sections, a pan holder having a depending stem received within a vertical guide formed with the upper section of said standard, clamping means carried by said holder with which the handle structure of a steaming pan has rocking engagement, a lever pivotally mounted on the upper section of said standard, a link uniting said lever with said pan holder and operative to raise and lower said holder upon pivotal swinging movement of said lever, and spring means engaged with said lever and with the upper section of said standard, said spring means tending to maintain said holder in an elevated position.

3. Supporting means for wall paper steaming pans comprising a standard, a steaming pan holder provided with a depending stem, the latter being slidably received within a socket provided in the upper end of said standard, a lever mounted for pivotal movement on said standard, link means connecting one end of said lever with said holder whereby upon the oscillation of the lever, said holder may be raised or lowered, and a clamp carried by the upper portion of said holder adapted for the reception of the handle structure of an associated steaming pan.

4. Supporting means for wall paper steaming pans comprising a standard, a steaming pan holder provided with a depending stem, the latter being slidably received within a socket provided in the upper end of said standard, a lever mounted for pivotal movement on said standard, link means connecting one end of said lever with said holder whereby upon the oscillation of the lever, said holder may be raised or lowered, a clamp carried by the upper portion of said holder adapted for the reception of the handle structure of an associated steaming pan, and spring means connected with said lever and standard and serving to rock said lever in a direction effecting the elevation of said holder.

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