Nov. 9, 1948. I. BOGUT 2,453,189

POT SUSPENSION DEVICE

Filed June 21, 1945

Fig. 1

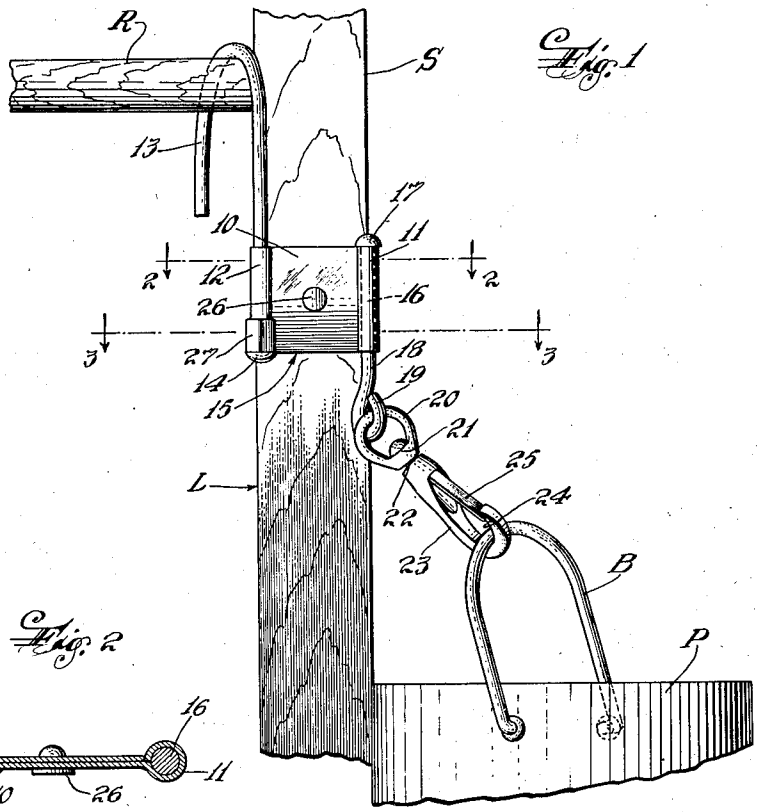


Fig. 2

Fig. 3

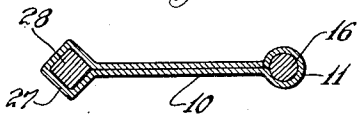


Fig. 4

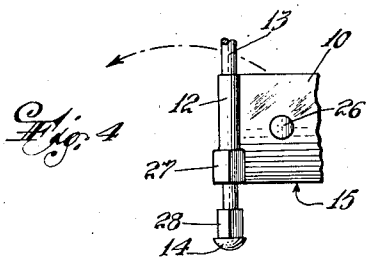
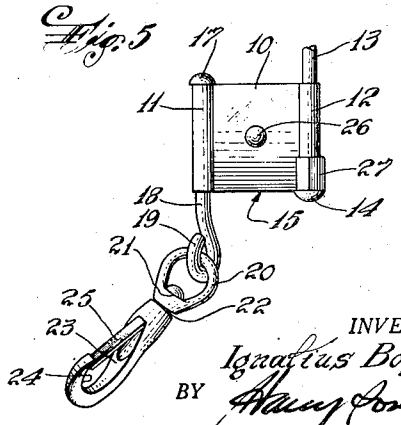


Fig. 5



INVENTOR.
Ignatius Bogut
BY Harry Sommer
ATTORNEY

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POT SUSPENSION DEVICE

Ignatius Bogut, South Orange, N. J.

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1 Claim. (Cl. 248—211)

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In the painting, window cleaning and analogous industries, it is necessary to have access to the pots while standing on ladders.

It is the object of this invention to provide a pot suspension device which is especially adapted for use in the industries and for the purposes above set forth and for analogous purposes, which may be readily positioned on the rung of a ladder to suspend the pot adjacent one of the sides of the ladder, in position for convenient access.

A further object of the invention is to provide a device of the character described which is efficient and positive in operation and may be readily manufactured at low cost.

These and other advantageous objects, which will later appear, are accomplished by the simple and practical construction and combination of parts hereinafter described and more particularly shown in the drawings, illustrating embodiments of my invention, and in which:

Fig. 1 is an elevational view of the device of my invention applied to a ladder, showing a pot suspended from the device,

Fig. 2 is a horizontal sectional view taken on line 2—2 of Fig. 1,

Fig. 3 is a similar view taken on line 3—3 of Fig. 1,

Fig. 4 is a fragmentary view of said device, and

Fig. 5 is a fragmentary view of the device generally corresponding with that shown in Fig. 1, but showing the bearing plate rotated 180° from the position of Fig. 1.

In the drawings, the device of my invention is shown to comprise a bearing plate 10 which is provided at the opposite vertical marginal edges thereof with elongated bearings 11 and 12 coextensive therewith. An arcuate hook member 13 is rotatably positioned in the bearing 12, the free end of said hook member adapted to be positioned on one of the rungs R of the ladder L, the other end thereof having an enlarged head 14 adapted to abut the lower edges 15 of the plate 10.

A pin 16 is rotatably journalled in the bearing 11, said pin having an enlarged head 17 at one end thereof of greater diameter than the cross sectional dimensions of said bearing portion 11 and the other end 18 of said pin passing freely through the bearing and terminating in a loop 19.

A ring member 20 is freely positioned in the loop 19, said ring member having a transverse aperture 21 for the reception of shank 22 of fastener 23 to rotatably journal said fastener in said ring member and to provide for the universal movement of said fastener relative to the plate 10. The fastener 23 is provided with an open throat portion 24. A spring finger 25 is fixed at one end in the fastener 23 adjacent the shank of the fastener so as to normally urge the other free end of said spring finger against the free end of the throat portion 24 to normally close the same under tension.

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As shown in Fig. 1, the device is suspended on the ladder by positioning the hook 13 on the rung R of the ladder with the plate 10 positioned on the side member S which is perpendicular to the rungs of the ladder, said rungs being fixed at one end to said side member. The pot P is suspended on the device by snapping the bail B of said pot into the throat 24 of the fastener 23 (the spring finger 25 being momentarily depressed to open said throat) and the pot P will rest against the side S of the ladder as indicated in Fig. 1.

The plate 10 may be a single plate or may be bent on itself to define a double thickness with the bearing portions 11 and 12 formed on the marginal edges of said plate by any suitable manufacturing expedient, the walls of said plate being united by rivets 26 or other suitable expedient to maintain the plate in the form shown in Fig. 1.

The bearings 11 and 12 and the portions of pins 16 and hook 13 passing therethrough are of generally circular cross section as shown in Fig. 2. The bearing 12, however, is preferably provided with a portion 27 of non-circular cross section with which a portion 28 of the hook member 13 of corresponding cross section is adapted to have keying action to maintain the plate in the position shown in Fig. 1 and to permit of the interlocking of the portion 28 of member 13 and portion 27 of bearing 12 at a position 180° therefrom as shown in Fig. 5, this end being attained simply by displacing the plate from the head 28 as in Fig. 4, rotating the plate (per dotted line) and then positioning the latter into engagement with the head 28, as in Fig. 5. This arrangement is desirable for the reason that the device may thereby be suspended at the right hand side of the ladder as in Fig. 1 and permits the same to be shifted to the lefthand side of the ladder by displacing the plate and rotating the same as shown in Figs. 4 and 5.

The parts described may be made of any suitable material, and numerous variations thereof will be readily suggested by the disclosure herein made; all such variations coming within the scope of the appended claim, will be deemed to be within the scope and purview of this invention.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

A pot suspension device comprising a plate, parallel spaced bearings formed integral with said plate, a pin rotatably journalled in one of said bearings and adapted to engage and support pot holding means, a hook member rotatably journalled in the other bearing and adapted to engage the rung of a ladder to suspend the pot therefrom, and complementary non-circular keying means in the lower portions of said hook member and last mentioned bearing to key the plate at different positions relative to the hook, to accordingly suspend the pot at different positions relative to the hook.

IGNATIUS BOGUT.

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