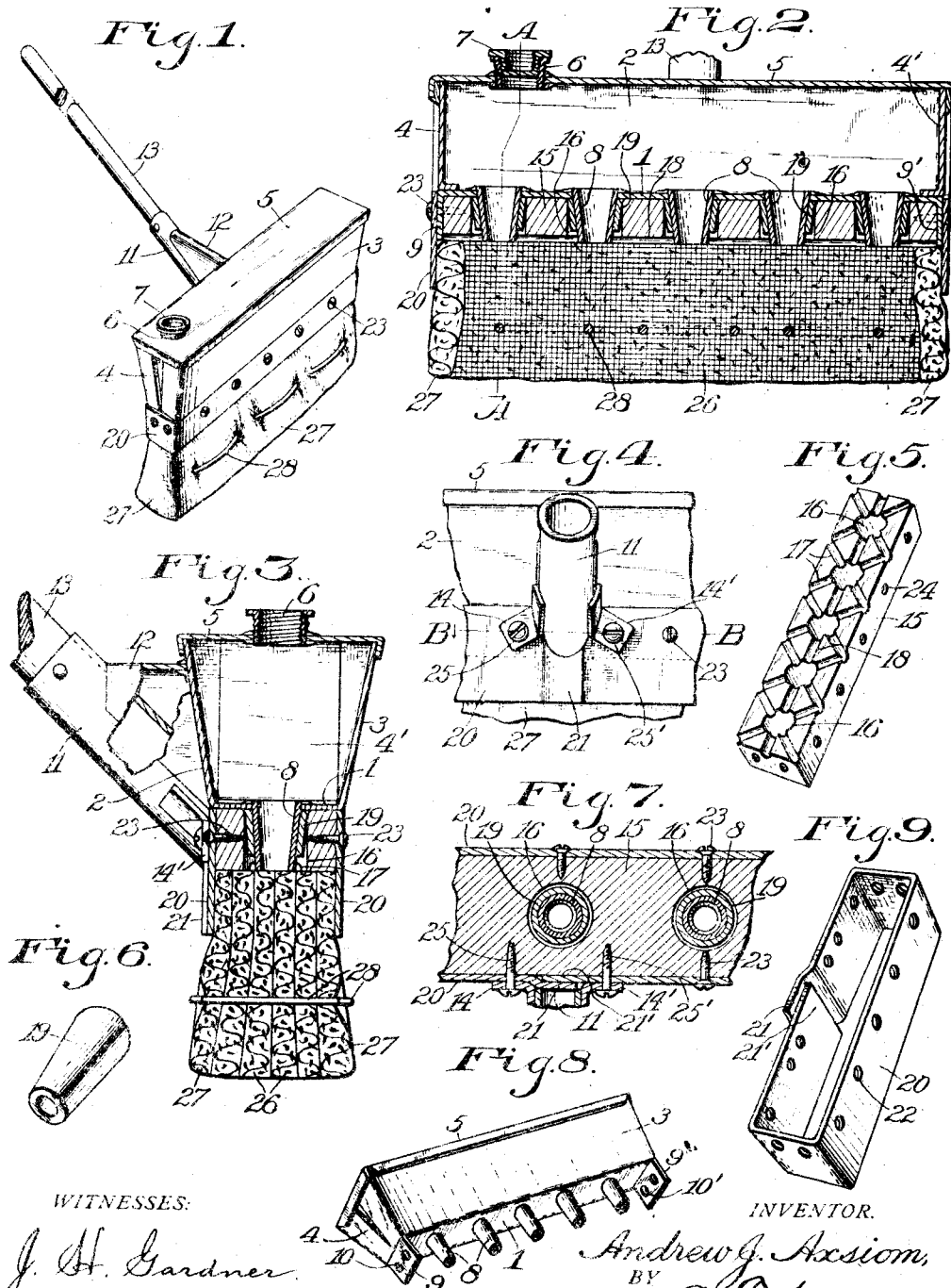


A. J. AXSIOM.
FLOOR OILER.
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1,034,950.

Patented Aug. 6, 1912.



WITNESSES:

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FLOOR-OILER.

1,034,950.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ANDREW J. AXSIOM, a citizen of the United States, residing at Bloomington, in the county of Monroe and State of Indiana, have invented a new and useful Floor-Oiler, of which the following is a specification, reference being had to the accompanying drawings and to the letters and figures of reference marked thereon.

This invention relates to appliances for oiling floors, especially hard wood floors in buildings, the invention having reference particularly to an appliance for carrying the oil and feeding it to the floor, and adapted also for rubbing the oil and spreading it and for polishing the floor.

The object of the invention primarily is to provide a conveniently small floor oiler of the above mentioned character that will be adapted to be easily operated by hand, a further object being to provide a reliable and relatively cheap floor oiler so constructed as to be adapted to be durable and economical in use and which may be readily repaired when the rubbing surface becomes impaired.

With the above mentioned and minor objects in view, the invention consists in a floor oiler in which is combined a reservoir provided with an operating handle and a rubbing felt through which the oil is supplied from the reservoir; and the invention consists further in the novel parts and in the combinations and arrangements of parts as hereinafter particularly described and claimed.

Referring to the drawings; Figure 1 is a perspective view of the improved floor oiler; Fig. 2, a vertical central sectional view thereof; Fig. 3, a transverse sectional view approximately on the line A A in Fig. 2; Fig. 4, a fragmentary rear elevation; Fig. 5, a perspective view of the body part of the implement inverted; Fig. 6, a perspective view of a packing employed in the body part; Fig. 7, a fragmentary horizontal section on the line B B in Fig. 4; Fig. 8, a perspective view of the oil reservoir; and Fig. 9, a perspective view of the clamping band which secures the rubbing felt to the body part of the implement.

Similar reference characters throughout the drawings indicate like parts or features of construction herein referred to.

The improved floor oiler comprises a relatively long and narrow reservoir consisting of a bottom 1, two sides 2 and 3 which extend upward and outwardly from the bottom, and two ends 4 and 4' extending upward from the bottom and connected to the sides, and a cover 5 connected to the sides and the ends, the cover preferably being broader than the bottom so that the lower portion of the reservoir is somewhat narrower than the upper portion thereof. The cover is provided with a screw ring 6 in which is a filling plug 7 which, when removed, permits the reservoir to be filled with oil. The bottom 1 is provided with a plurality of feed tubes 8 spaced suitable distances apart, the tubes preferably being funnel-shaped. The ends of the reservoir are provided with two ears 9 and 9' extending downwardly beyond the plane of the bottom, the ears being provided with apertures 10 and 10' respectively, to receive screws. The middle portion of the side 2 of the reservoir has a socket 11 suitably secured thereto preferably by means of solder and is provided with a brace 12, a wooden handle 13 of suitable length being inserted and secured in the socket for operating the implement by hand. The socket extends somewhat below the plane of the bottom 1 and is provided with a pair of ears 14 and 14' whereby the socket is secured also to the body part of the implement.

A body part 15 is provided which preferably is composed of wood and it is approximately as long and wide as the bottom 1 and is placed against the under side of the bottom. The body part has a suitable number of apertures 16 therein into which the tubes 8 extend. The under side of the body part has feed grooves 17 therein extending from the apertures to the longer side edges of the body part and also grooves 18 extending between the apertures for distributing the oil evenly under the body part. Preferably a suitable number of packing tubes or rings 19 are placed over the feed tubes 8 and forcibly pressed into the apertures 16 to prevent the oil passing upward by capillary attraction to and over the top of the body part.

A clamping band 20 is provided which preferably is not continuous but has overlapping end portions 21 and 21', the band extending about the body part 15 and down-

ward a suitable distance beyond the plane of the bottom thereof, and it has perforations 22 therein to receive securing screws 23 which are inserted in screw holes 24 with 5 which the body part 15 is provided. The band extends about the ears 9 and 9' and some of the screws extend through the apertures 10 and 10', so that the reservoir is thus secured to the body part. Other screws 25 10 and 25' are inserted through the ears 14 and 14' and the perforations in the band and also into screw holes in the body part, the end portions 21 and 21' being inserted between the body part and the projecting portion of the socket 11, and thus the socket is 15 secured to the body part as well as to the reservoir.

A suitable swab is provided which preferably comprises a suitable number of flat 20 pieces of felt or similar material 26 which are somewhat shorter than the body part and are placed together side by side with edges against the under side of the body part, a longer strip of the felt or like material being placed about the other pieces 25 so as to constitute a casing 27 to securely hold the middle or inner pieces of felt together compactly, the upper portion of the swab being embraced by the clamping band 30 and thereby securely held in position, the main portion of the swab being further secured together by means of wire stitching 28 extending transversely through the several parts of the swab.

35 When the rubbing end of the swab is worn away nearly to the stitching 28 the latter may be removed and the swab used until its efficiency becomes impaired and then may readily be removed and replaced 40 by a new one, since the retaining band 20 may be readily disconnected from the body

part and again secured thereto with a new swab placed therein, as before.

In practical use, the reservoir being supplied with suitable oil, the implement is 45 pushed along the floor to and fro by means of the handle 13 and the movement causes slight relative movement as between the several parts of the swab so as to permit the oil to saturate the felt parts and ooze down 50 to the bottom thereof and on to the floor, repeated rubbing movements effectually spreading the oil and distributing it evenly onto the floor without permitting surplusage of oil to remain upon the floor. 55

Having thus described the invention what is claimed as new, is—

A floor oiler comprising a body part having apertures therein, the under side of the body part having grooves therein extending 60 from the apertures, a reservoir upon the body part and having feed tubes extending from the bottom thereof into the apertures, the reservoir having ears on opposite end portions thereof extending against the ends 65 of the body part and secured thereto, tubular packings extending about the feed tubes in the apertures, a swab arranged against the under side of the body part opposite the grooves and the ends of the feed tubes, a 70 band extending about the swab and the body part in contact with said ears and secured removably to the body part, a socket attached to the reservoir and also secured detachably to the band and the body part, and 75 a handle in the socket.

In testimony whereof, I affix my signature in presence of two witnesses.

ANDREW J. AXSIOM.

Witnesses:

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CHAS. E. NEAL.