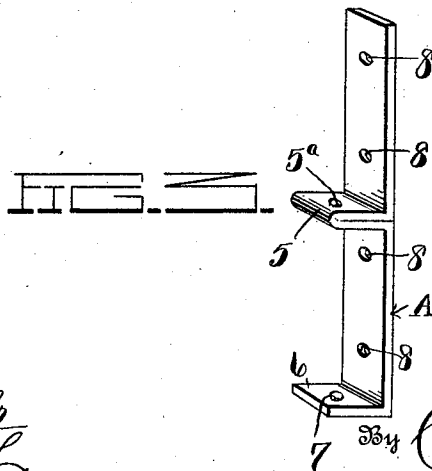
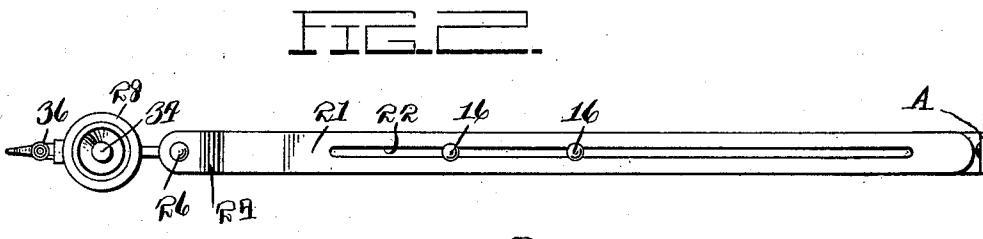
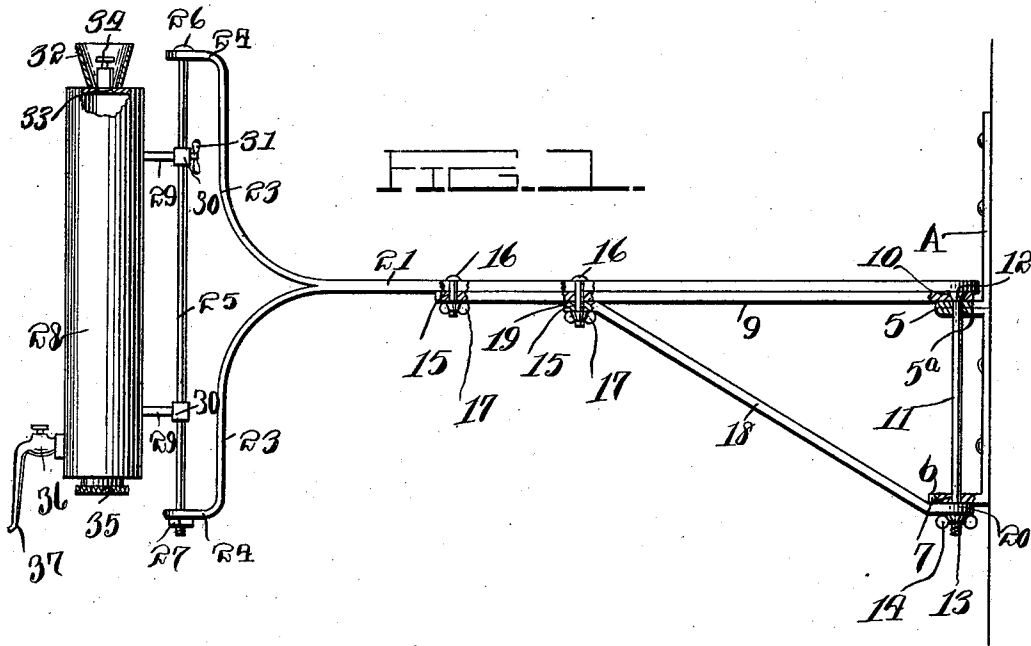


G. M. HOERNER.
 DRILL AND TOOL OILER AND BRACKET.
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Witnesses
J. H. Taylor
George L. Sato

Inventor
G. M. Hoerner

Charles J. Hoerner *Charles J. Hoerner*

Attorneys

UNITED STATES PATENT OFFICE.

GEORGE M. HOERNER, OF MAPLE RAPIDS, MICHIGAN.

DRILL AND TOOL OILER AND BRACKET.

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To all whom it may concern:

Be it known that I, GEORGE M. HOERNER, a citizen of the United States, residing at Maple Rapids, in the county of Clinton, State of Michigan, have invented certain new and useful Improvements in Drill and Tool Oilers and Brackets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an adjustable drill and tool oiler, and has for its principal object to provide a novel construction of bracket adapted to support the oil tank.

Another object of the invention is to provide a bracket for the purpose described which may be swung either to the right or to the left and including means for adjustably supporting the oil tank.

A further object of the invention is to provide a device of the character described which is composed of a minimum number of parts, is therefore simple in construction, and is cheap to manufacture.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing: Figure 1 is a side elevation showing my improved bracket and tank attached to a wall. Fig. 2 is a top plan view thereof, and Fig. 3 is a perspective view of the wall bracket.

Like reference numerals designate corresponding parts in all the figures of the drawing.

Referring to the drawing, the invention comprises a wall bracket designated as a whole by the reference character A. This bracket is formed of strap iron, and is bent outwardly and then rearwardly to form a double thickness arm 5 having a transverse opening 5^a centrally formed therethrough. The lower end of the bracket is bent outwardly at right angles to form a second bearing arm 6 which is disposed directly

below the first mentioned arm 5, and is formed with a transverse opening 7 disposed in alinement with the opening 5^a. Suitable openings 8 are formed in the bracket, and are adapted to receive fastening screws or the like, whereby said bracket may be attached to a wall or other suitable support. A horizontally swinging arm 9 has one end disposed upon the bearing arm 5, and is formed with a flared opening 10 disposed in alinement with the opening 5^a of said arm. A rod 11 is disposed within the openings 5^a and 7, and is provided with a flared head 12 adapted to be seated within the opening 10 of the arm 9. The end of the rod 11 opposite said head 12 projects below the arm 6 of the bracket, and is screw threaded as indicated by 13. Associated with the threaded end 13 is a winged nut 14 for securely holding the arm 9 in a horizontal position, yet permitting the swinging thereof. The outer end of the arm 9 is formed with a plurality of transverse openings 15—15 wherethrough pass bolts 16—16 carrying wing nuts 17—17. A brace 18 has one end 19 bent and perforated to receive one of the bolts 16, said end 19 being disposed between the arm 9 and the corresponding nut 17. The other end 20 of the brace is oppositely bent and perforated to receive the bolt 11. This end is disposed between the arm 6 of the bracket and the winged nut 14. As a result, it will be observed that the winged nut 14 securely clamps the end 20 of the brace against movement. Disposed upon the arm 9 is an extensible arm 21 which is formed with a longitudinal slot 22 wherethrough passes the bolts 16—16. The outer end of the extensible arm 21 is provided with upwardly and downwardly extending arms 23—23, the ends 24—24 thereof being bent outwardly in the same direction and perforated to receive a rod 25, said rod being formed with a head 26 at one end and carrying a nut 27 at the other end.

My invention further comprises a cylindrical oil tank 28 which has a plurality of arms 29—29 extending radially therefrom. Connected to the outer ends of these short arms are sleeves 30—30, the bores of the sleeves being disposed in alinement for receiving the rod 25. Associated with one of the sleeves is a set screw 31 of any suitable type, whereby the tank 28 may be held at

any suitable height along the rod 25. Extending from the top of the tank is a funnel 32, the interior thereof merging with a threaded opening 33. A screw threaded closure plug 34 is disposed within the opening 33. Connected to the bottom of the tank is a knurled plug 35, the removal thereof permitting the tank to be easily cleaned whenever so desired. Extending from the wall of the tank near the bottom thereof is an ordinary spigot 36 having a long thin nozzle 37 by means of which the oil is freely directed to the drill or other tool.

From the foregoing, it will be observed that by reason of the above construction, the bracket can be swung in a horizontal plane and the oil tank can also be swung in a horizontal plane or may be adjusted along its supporting rod 25 as may be desired to suit various conditions of work. By this construction after the nozzle 37 has been directed to the source of work, the operator is then free to use both of his hands for the work, the oil being adapted to flow from the tank in any suitable quantity as desired.

What is claimed is:—

1. A device of the character described consisting of a supporting bracket, an arm pivotally mounted upon the bracket to swing in a horizontal plane, upwardly and downwardly extending arms connected to the outer end of the first mentioned arm, the ends of the second mentioned arms being perforated and bent outwardly in the

same direction, a rod disposed within the perforation, and an oil tank carried by the rod for both vertical and horizontal movements.

2. A device of the character described consisting of a bracket formed of strap iron and centrally bent outwardly and thence rearwardly to form a double thickness supporting arm, the lower end of the bracket being bent outwardly below the arm to form a second arm, a rod having its ends journaled in said arms, a supporting arm having one end disposed upon the first arm and pivotally connected to the rod, an extensible arm connected to the supporting arm, upwardly and downwardly extending arms connected to the outer end of the extensible arm, the free ends of the last mentioned arms being perforated and bent outwardly in the same direction, a rod journaled in the opening, an oil tank, short arms extending radially from the tank, sleeves connected to the outer ends of the arms and disposed around the rod, and means connected at one end of the sleeves for engagement with the rod for holding the tank in its adjusted position.

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

GEORGE M. HOERNER.

Witnesses:

A. A. SCHULTZ,
B. F. OWEN.