

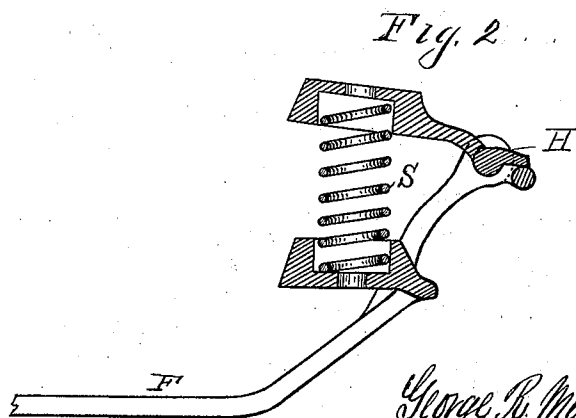
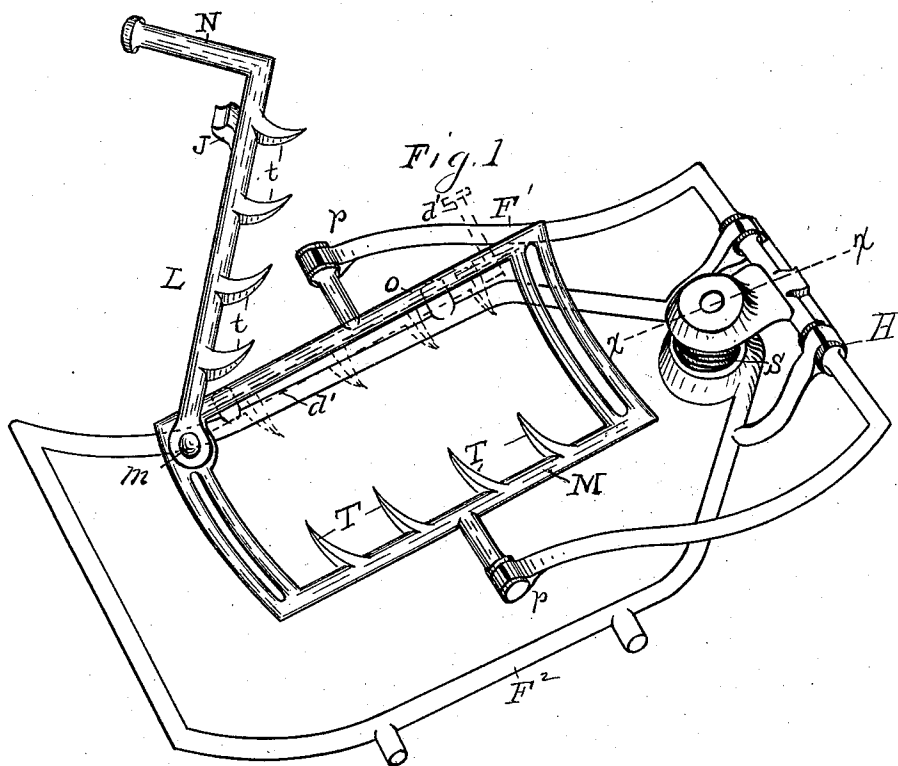
(No Model.)

2 Sheets—Sheet 1.

G. R. MENEELY & J. GIBBONS.
CAR AXLE OILER.

No. 322,625.

Patented July 21, 1885.



WITNESSES:

Stanley M. Holden

Charles S. Brintnall

George R. Menely
John Gibbons

INVENTORS

BY

W. E. Hagan, *thru*

ATTORNEY

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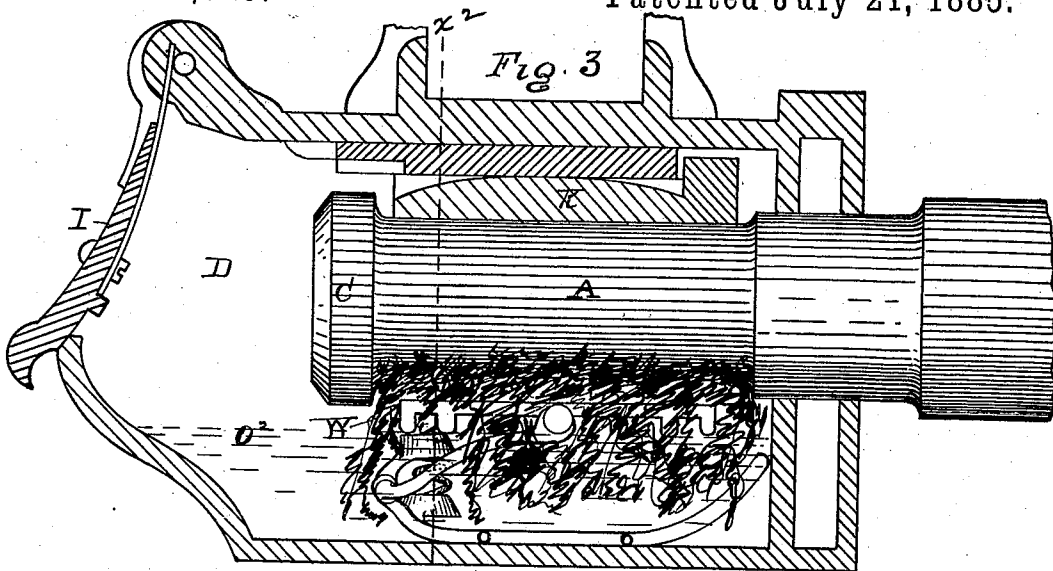
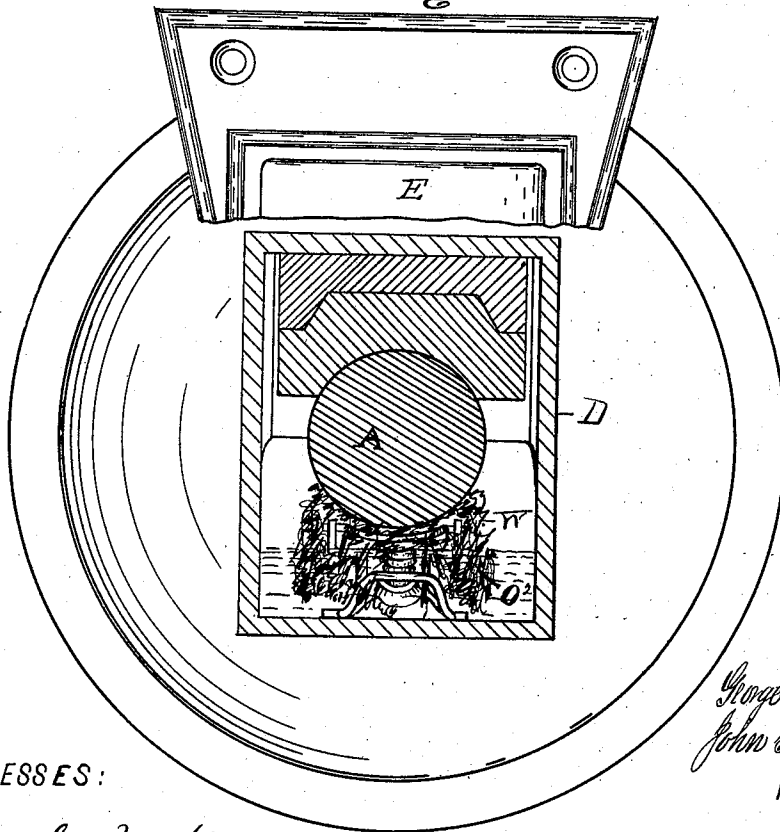


Fig. 4



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE R. MENEELY, OF ALBANY, AND JOHN GIBBONS, OF WEST TROY,
ASSIGNORS TO MENEELY HARDWARE COMPANY, OF WEST TROY, N. Y.

CAR-AXLE OILER.

SPECIFICATION forming part of Letters Patent No. 322,625, dated July 21, 1885.

Application filed January 16, 1885. (No model.)

To all whom it may concern:

Be it known that we, GEORGE R. MENEELY, of the city of Albany, county of Albany and State of New York, and JOHN GIBBONS, of the village of West Troy, county and State aforesaid, have jointly invented a new and useful Improvement in Car-Axle Oilers, of which the following is a specification.

Our invention relates to improvements in car-axle oilers, the object of our improvements being to increase the efficiency and usefulness of such devices, and our invention more particularly relates to devices of this kind which are made with a wick-holder that is adapted to contain a wick arranged to absorb oil or lubricant from the box, and which wick-holder is constructed to be held beneath and against the axle-journal.

Our invention consists, as will be more fully detailed in connection with its illustration, in the combination, with a wick-holder of a car-axle oiler that is adapted to receive and contain a wick or waste, of a latch arranged on one side of said holder, said latch having a pivoted end from which it may be swung out to insert a wick or mass of waste, and the said latch forced in to grasp and hold the wick within the holder, with means to secure said latch while thus closed in upon the waste or wick.

Accompanying this specification, to form a part of it, there are two plates of drawings containing four figures illustrating our invention, with the same designation of parts by letter-reference used in all of them. Of these illustrations, Figure 1 shows a perspective of a car-axle oiler made with a frame in two parts that are hinged together at the front, having an intermediate spring, the recoil force of which tends to spread the parts of the frame from where hinged, the upper part of the frame containing a wick-holder with our invention applied thereto. Fig. 2 is a longitudinal vertical section of the spring and hinged connection, taken on the line $x'x'$ of Fig. 1. Fig. 3 is a combined longitudinal vertical section and side elevation of an oiler containing our improvement, shown as applied to a car-axle and journal box; and Fig. 4 is a cross vertical section taken on the line $x''x''$ of Fig. 3.

The several parts of our invention are designated by letter-reference, and the functions of the parts are described as follows:

The letter F' indicates the upper part of the frame and F² the lower part, said parts at the front end being hinged as indicated at H.

The letter S designates a spring placed between the two parts F' and F² of the frame, near their hinged connection at the front of the device, so that the two parts F' and F² are pressed together on their hinged connection H against the recoil force of the spring S.

The letter M indicates a wick-holder, which at p is pivoted to the upper part of the frame F' by trunnions, and the letters T indicate teeth on one of the inner sides of the wick-holder.

The letter L indicates a latch, that at one side of the wick-holder is pivoted thereto, as shown at m , and so that it may be swung out from the holder, as indicated at Fig. 1, and returned inwardly to a position indicated by the dotted line d' of that figure.

The letter N indicates a handle on the end of the latch; and J, a stop or catch which, when the latch is swung in, passes under the side of the holder to keep the latch in place.

The letters t indicate teeth on the latch, which are arranged thereon to enable it to better hold the wick or waste in place within the holder.

The latch and combined parts are operated as follows: The latch having been moved outwardly, as shown at Fig. 1, a mass of wick or waste is passed within the holder, so as to project therefrom into the oil or lubricant in the journal-box, when the latch is then moved in on its pivoted connection, and the stop J is passed under the side o of the holder with the latch in the position shown by the dotted line d' of Fig. 1.

By the construction and arrangement of the parts thus described the wick-form material or waste is easily inserted within the holder, and when inserted it is securely held there by the latch.

The letter A designates the car-axle; D, the journal-box; I, the journal-box cover; C, the axle-collar; E, the pedestal-jaw; K, the journal-bearing key; W, the waste or wick, and O² the oil or lubricant.

The hinged two-part frame shown is the same as that illustrated and described in an application for a patent made by John Gibbons, and filed in the Patent Office September 6, 1884, and to which our invention is shown as applied, although it may be applied to any form of car-axle oiler having a wick-holder that is adapted to press the wick or waste up from beneath and against the car-axle. As the latch which we illustrate and describe is adapted by its construction to utilize the function of being moved out from the side of the wick-holder for the insertion of the wick or waste within the holder, and then to be moved inwardly to grasp the same and to keep it securely within the latter, our invention may be variously modified as to shape or attachment without departing from the mechanical principle of its action, provided, however, the parts perform relatively the same function in substantially the same manner.

Having thus fully described our invention, what we claim, and desire to secure by Letters Patent, is—

In a car-axle oiler having a wick or waste holder that is constructed to contain wick or waste and arranged to press the latter up against the under side of the car-axle, the combination therewith of a latch arranged on the side of said holder, which latch is constructed to be moved out from and inwardly to the side of said holder where adjacent, substantially in the manner as and for the purposes set forth.

Signed at Troy, New York, December 23, 1884, and in the presence of the two witnesses whose names were by them hereto written.

GEO. R. MENEELY.
JOHN GIBBONS.

Witnesses:

STANLEY M. HOLDEN,
CHARLES S. BRINTNAIL.