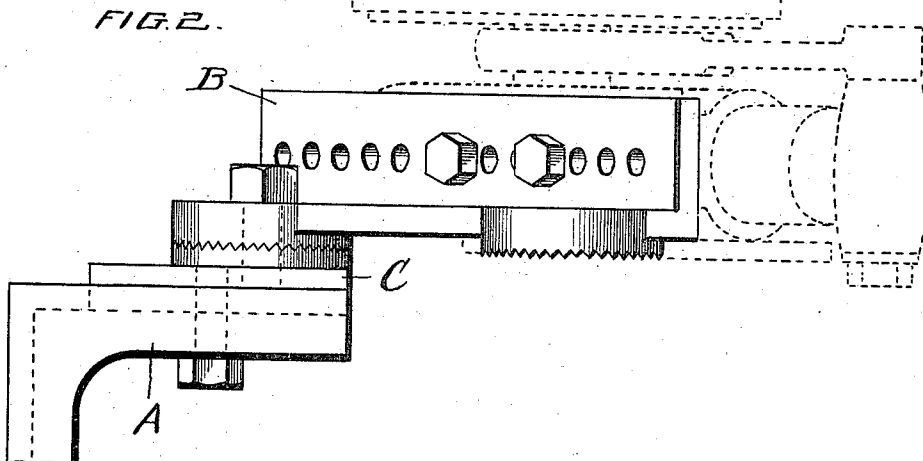
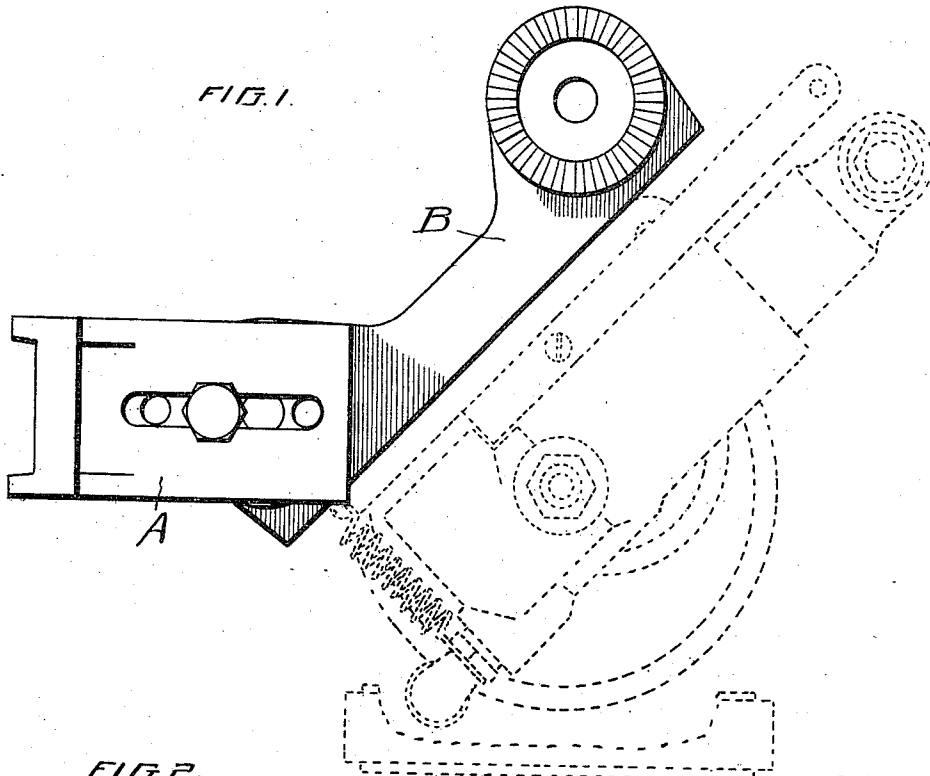


F. E. TEN EYCK.
 AUTOMOBILE PUMP BRACKET.
 APPLICATION FILED DEC. 22, 1910.

987,332.

Patented Mar. 21, 1911.

3 SHEETS—SHEET 1.



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3 SHEETS—SHEET 2.

FIG. 3.

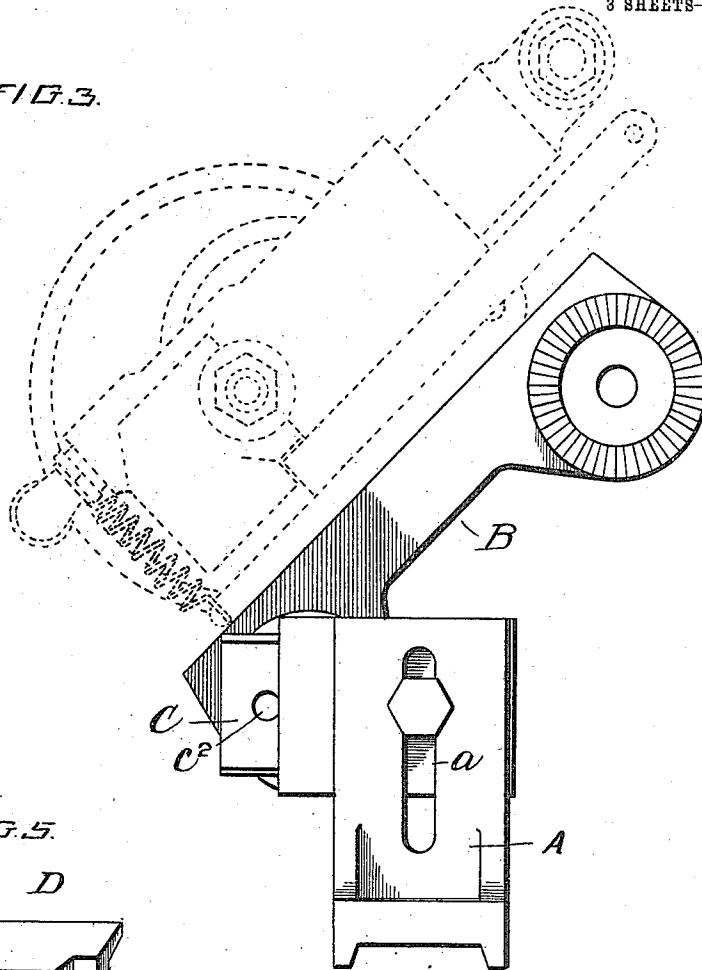


FIG. 5.

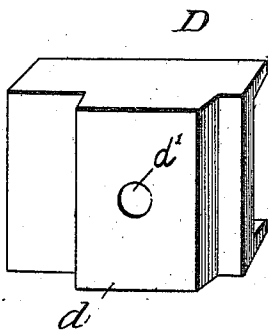
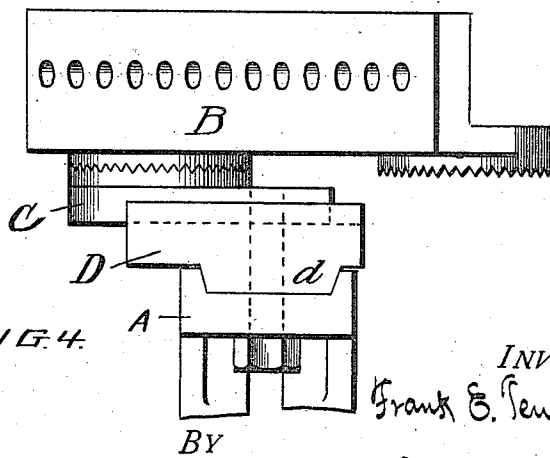


FIG. 4.



WITNESSES
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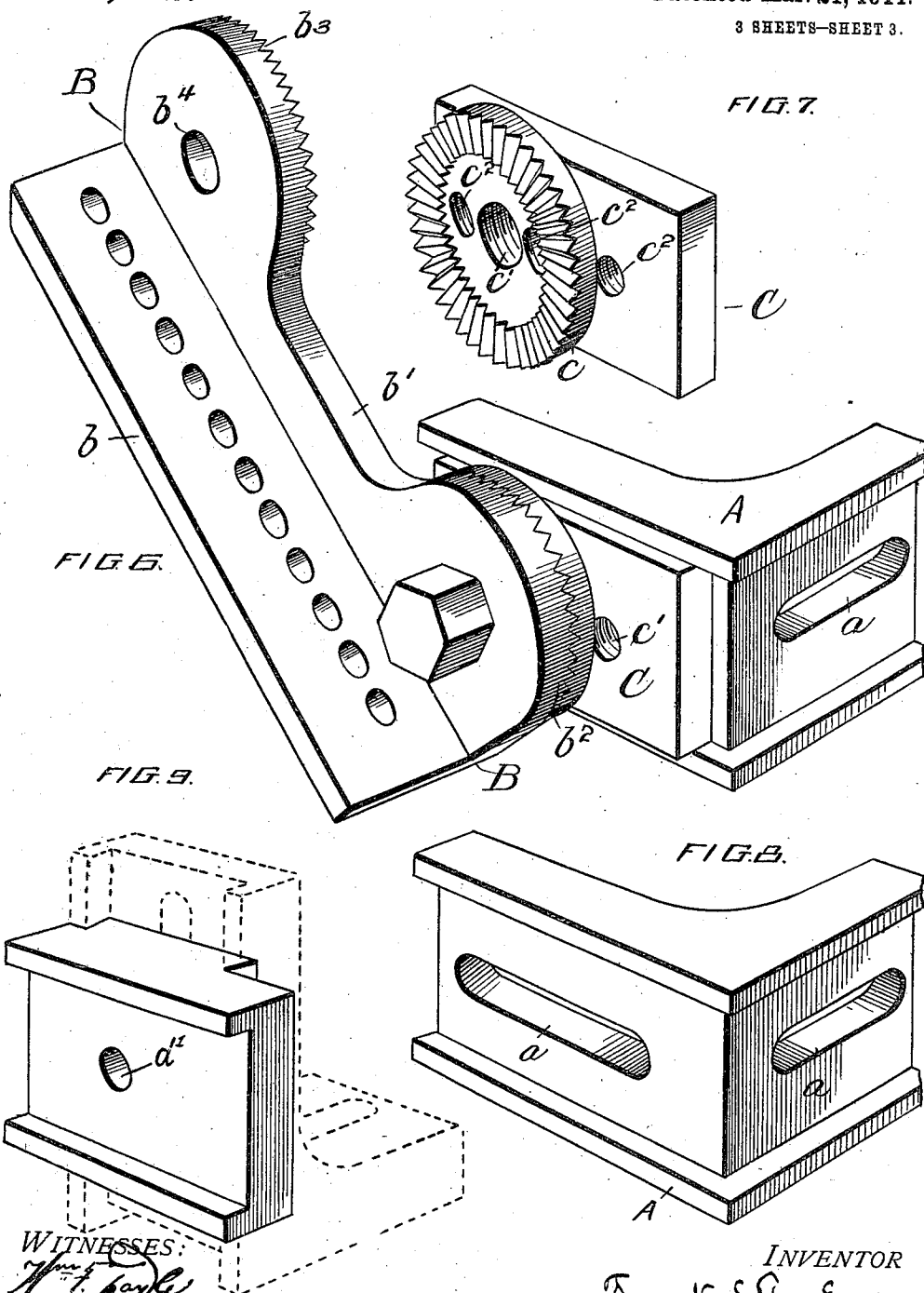
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3 SHEETS—SHEET 3.



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AUTOMOBILE PUMP-BRACKET.

987,332.

Specification of Letters Patent. Patented Mar. 21, 1911.

Application filed December 22, 1910. Serial No. 598,825.

To all whom it may concern:

Be it known that I, FRANK E. TEN EYCK, citizen of the United States, residing at Auburn, in the county of Cayuga and State of New York, have invented certain new and useful Improvements in Automobile Pump-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.

My present invention relates to the mode of attaching or securing an air pump to the frame or other parts of an automobile or other vehicle and consists of a sectional or multiple piece bracket by means of which the pump can be secured in position in varying constructions and different situations in proper position to enable the pump to be effectively operated from the selected moving part of the device to which it is attached.

In the drawings accompanying and forming part of this application, I have shown the preferred form in which I have contemplated embodying my said invention and the said invention is fully disclosed in the following description and claims.

In the said drawings, Figure 1 is a side elevation of my said bracket when three parts only are employed, with the pump shown in dotted lines secured to the underside of the plate to which it is attached. Fig. 2 is a top or plan view of the parts shown in Fig. 1. Fig. 3 is a view in elevation showing a bracket in which four parts are employed with the pump in dotted lines secured to the upper side of the part to which it is attached. Fig. 4 is a plan or top view of such bracket. Fig. 5 is a perspective view of what I term the filling piece. Fig. 6 is a perspective view of the simpler form of bracket. Figs. 7, 8 and 9 are views illustrating details of construction.

The portion of my device that is designed to be directly attached to the automobile or other device, is the bracket base A and is of angular, preferably right angular, form. The arms of this bracket base are of different lengths as more fully explained hereafter and the outer side of each is channeled, see Fig. 8, and each is provided with a slot *a* through which it can be securely bolted to the desired part of a machine.

B is the pump base, or pump attaching bar to which the pump is to be secured. This bar is angular in cross section one flange of which is preferably of uniform width and is provided with a slot or a series of holes or apertures therethrough by which the pump can be attached thereto in various positions. The other flange *b'* is provided at each end with serrated disks *b*², *b*³. Each of these disks has an opening *b*⁴ centrally through the same.

To secure the pump base to the bracket base I employ the following instrumentalities. The first is the disk bar C, see Fig. 7. This is a short bar preferably of a width to fit in the channels of the bracket base A and on one side is provided with the serrated disk *c*, which is by preference placed near one end of the bar, so that said bar shall extend farther from the disk on one side of the same than on the other. Said disk bar is provided with an opening *c'* centrally through the disk and bar. The bar C is also provided with other openings *c*² there-through.

There are times when provision for adjustment transversely of the arm of the bracket base is desirable in which case I employ the second part for connecting the pump base with the bracket, which is the filling piece D, shown in Figs. 5 and 9. This filling piece is provided on one side with the broad transverse ridge or projection *d*, of a width to fit the channels of the bracket base, and on the opposite side with a channel of the same dimensions as those of the bracket. An opening *d'* extends through the filling piece.

The bracket base is designed to be secured to the frame or other part of the machine to which the pump is to be attached by bolting it thereto through the slot in either arm of such base. It will be seen that by the variation in the length of the two arms that provision is made whereby it may be secured in positions in which a greater or less space for the attachment is found by bolting it through one or the other of the arms and that also the disk bar can be secured to the bracket base at a greater or less distance from the part to which the bracket base is attached.

The openings *c*² in the disk bar are prefer-

ably threaded and the said bar is secured to the base by screws or bolts passing through a slot in the bracket base and screwing into the said openings. The serrated disk being
 5 placed upon the bar at unequal distances from its end, the position of the disk can be varied by reversing the position of the bar to bring the disk nearer or farther from the part to which the bracket base is secured,
 10 and when placed in either of the two positions, it can be adjusted endwise by its attachment through the slot in the base. Three openings c^2 are by preference provided so that the bar can be secured by two
 15 bolts or screws in whatever position placed. The opening c' in the disk bar is also preferably threaded and the pump base is secured to the bar by a screw or bolt passing through one of the openings b^4 in said pump
 20 base. In the position shown in Fig. 6 the pump is to be attached to the underside of the pump base. If it were desired to have the pump upon the top of the pump base, the base has only to be reversed and secured to
 25 the disk bar through the opening at its opposite end, as shown in Fig. 3.

In cases where the bracket base can only be attached in such a position that the disk bar has to be placed considerably to one
 30 side of the arm of the base with which it is to be connected, the filling piece D is employed, the projection being placed in the channel of the bracket arm and the disk bar in the channel on the opposite side of the
 35 same. The three parts can be secured in such case by a screw or bolt passing through the slot in the arm of the base the opening in the filling piece and screwing into one of the openings c^2 in the disk bar as indicated
 40 in Fig. 4, or in any other preferred manner. By changing the position of the filling piece by reversing the same, and placing the disk bar in one or the other of its positions, the serrated disk of the disk bar can be brought
 45 to the proper position to receive the pump base.

It has been found that with these various features for varying the attachment of the bracket base, for varying the position of the
 50 serrated disk of the disk bar and for varying the position of the pump base, a pump can be placed in all of the various forms of

construction found in automobiles and other machines in position for effective operation
 55 of the pump.

I do not wish to be limited to my exact constructions as some variation in the parts can be made without departing from the principle of my invention.

What I claim and desire to secure by Letters Patent is:—

1. A bracket of the character described, comprising an angular bracket base, a pump base, and a disk bar and filling piece interposed between the two, said filling piece and
 65 disk bar providing for varying adjustments by reversing the positions of the same.

2. A bracket of the character described, comprising among its members, a bracket base, a pump base having a serrated disk
 70 and a disk bar for connecting with the pump base, the disk on said disk bar being located at unequal distances from its ends whereby the position of the pump base may be varied
 75 by reversing the position of said disk bar.

3. A pump bracket having a pump base provided with a serrated disk at each end and means for connecting it to an automobile or other machine, whereby the pump
 80 can be secured to said pump base above or below the same, by attaching the pump base to its securing means by one or the other of its ends.

4. A pump bracket having a bracket base, composed of an angular form and having its
 85 arms of different lengths, each of said arms being capable of being secured to the frame of an automobile or other vehicle, and each arm being also capable of having the pump sustaining parts secured thereto.
 90

5. A pump bracket having a bracket base adapted to be secured to an automobile or other machine, a pump base and connecting means including a filling piece, capable of
 95 adjustment longitudinally of one arm of said bracket base, and providing for adjustment transversely of said arm of the parts secured to said filling piece.

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

FRANK E. TEN EYCK.

Witnesses:

W. M. BUFFUM,
 C. A. MILBERY.