J. T. ALLMAND.

PIVOT.

APPLICATION FILED DEC. 15, 1913.

1,104,238. Patented July 21, 1914.

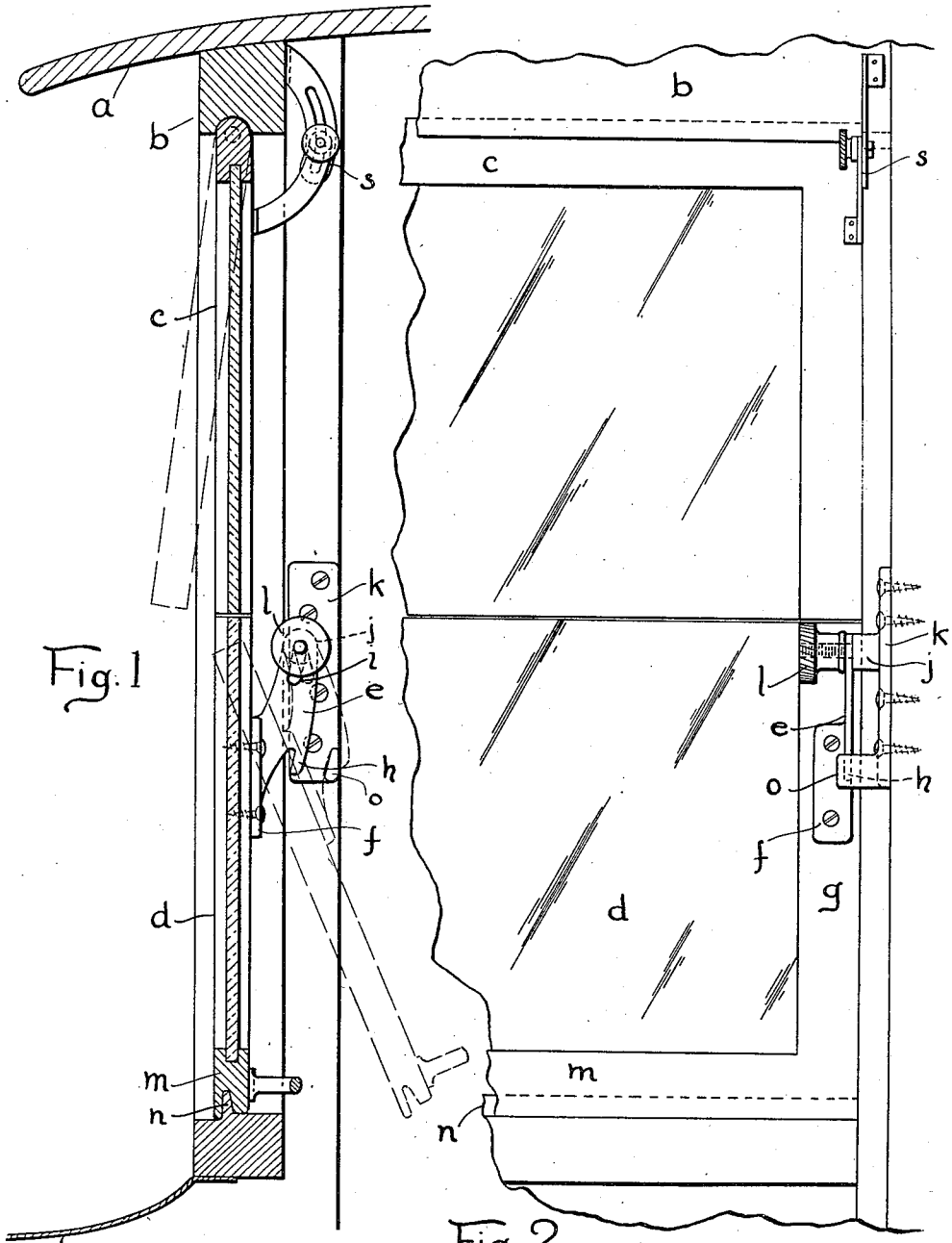


Fig. 1

Fig. 2

WITNESSES

Robert N. Van Buskirk

Virginia C. Spratt.

INVENTOR

John T. Allmand

BY

Ralzemond A. Parker

ATTORNEY

UNITED STATES PATENT OFFICE.

JOHN T. ALLMAND, OF DETROIT, MICHIGAN, ASSIGNOR TO FISHER CLOSED BODY CO., OF DETROIT, MICHIGAN, A CORPORATION OF MICHIGAN.

PIVOT.

1,104,238. Specification of Letters Patent. Patented July 21, 1914.

Application filed December 15, 1913. Serial No. 806,711.

To all whom it may concern:

Be it known that I, JOHN T. ALLMAND, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Pivots, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to pivots and especially ventilator fixtures for use in closed bodies of automobiles.

It has for its object a fixture which allows the ventilator to occupy two positions, one a closed position and the other an open position for ventilation.

In the drawings,—Figure 1, is a vertical section of a limousine or coupé front. Fig. 2, is a fragmentary front elevation of the same.

The top of the body is designated *a*, the front window frame *b*. A wind shield *c* is pivotally mounted near the top of the front window frame and may be swung out or in and held in any given position by an adjustable segment *s*.

My invention is used in connection with the lower section or ventilator *d* and comprises a fixture *e* formed as shown in full lines of Fig. 1 and consisting of an attaching plate *f*, by which the fixture may be screwed to the ventilator sash *g*. A web is set in a perpendicular plane with respect to the attaching plate and extends away obliquely upward from the attaching plate. This web has a heel *h* and a slot *i*. This slot *i* receives the reduced portion of a stud *j* which is integral with a plate *k* that is attached to the side of the window frame. A thumb nut *l* runs on the threads at the end of the stud.

The lower rail *m* of the ventilator sash has a groove that fits over a fence *n*.

When it is desired to open the ventilator for ventilating purposes the wind-shield is swung out of the way. The ventilator then may be lifted slightly to get the lower sash rail off the fence. The lifting is permitted by reason of the slot *i*. The heel of the arm is then lifted over the rest *o* and engages therewith so as to hold the lower section, as shown in dotted lines in Fig. 1.

Of course it will be understood that any supporting member such as the window frame itself can be used to support the stud and rest.

A second fixture and supporting stud is located on the opposite side of the window frame so that the lower section is supported at either side. When the heel is over the rest the thumb nuts may be tightened to securely hold the fixtures in the new position.

What I claim is:

1. A pivot, having in combination, a plate or supporting member, a stud protruding from the face thereof, a rest protruding from the face of the plate or supporting member below the stud, an attaching plate for securing to a swinging member, a web connected with the attaching plate and provided at its upper end with a slot through which the stud protrudes and at its lower end with a heel that can be dropped over the rest, and means for tightening the web against the first-mentioned plate or supporting member.

2. A pivot, having in combination, a plate or supporting member, a stud protruding from the face of the plate or supporting member, a rest protruding from the face of the plate or supporting member below the stud, an attaching plate for securing to a swinging member, a web connected with the attaching member and provided at its upper end with a slot through which the stud protrudes and at its lower end with a heel that can be dropped over the rest, and a nut running on the threaded end of the stud for tightening the web against the first-mentioned plate or supporting member.

In testimony whereof, I sign this specification in the presence of two witnesses.

JOHN T. ALLMAND.

Witnesses:
HERBERT NIE,
STUART C. BARNES.