Aug. 7, 1923. 1,464,400

H. AMBUS

COMBINED DOOR OPENER AND CURTAIN CARRIER

Filed June 23, 1922

Fig. 1.

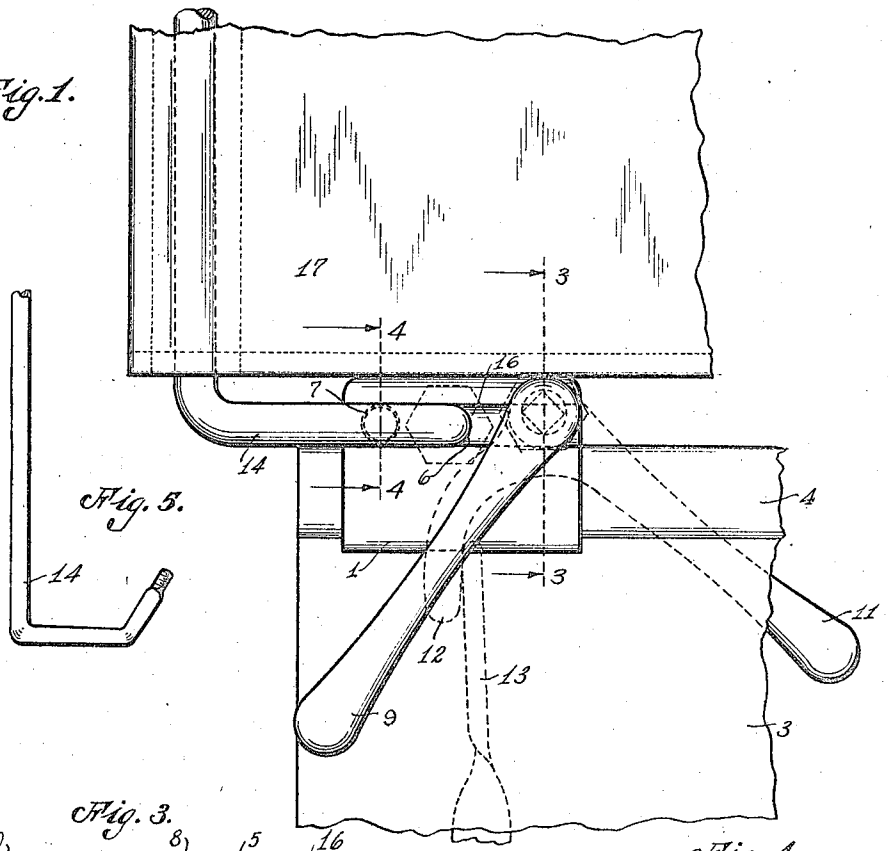


Fig. 5.

Fig. 3.

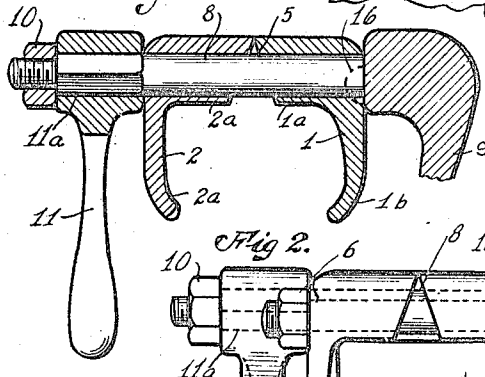


Fig. 4.

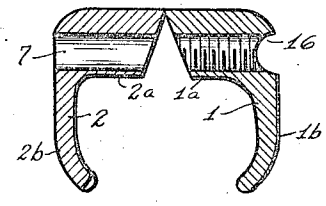
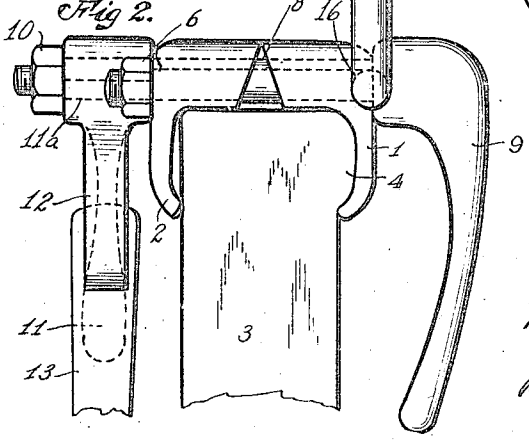


Fig 2.



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UNITED STATES PATENT OFFICE.

HARRY AMBUS, OF CLEVELAND, OHIO.

COMBINED DOOR OPENER AND CURTAIN CARRIER.

Application filed June 23, 1922. Serial No. 570,374.

To all whom it may concern:

Be it known that I, HARRY AMBUS, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga, State of Ohio, have invented a certain new and useful Improvement in Combined Door Openers and Curtain Carriers, of which the following is a specification.

This invention relates to a combined door opening and curtain carrying device for automobiles and is particularly concerned with a quick detachable device of the class described, for Ford automobiles, having door handle actuating means and curtain carrying means.

One object of the invention is to construct a simple device adapted to be attached to an automobile door and provided with means for easily actuating the door opening handle, and for carrying a door opening curtain.

Another object is to provide novel detachable means for attaching door opening curtains to a Ford automobile.

A further object is to provide a simple means for easily operating the door opening handles of Ford automobile doors.

Other objects will appear and be pointed out hereinafter.

In the drawings attached to and forming a part of this specification:

Fig. 1 is a side elevation of the improved device with fragments of a door opening curtain and an automobile door shown.

Fig. 2 is a rear end elevation of the structure shown in Fig. 1.

Fig. 3 is a cross sectional view taken on lines 3—3 of Fig. 1.

Fig. 4 is a cross sectional view through the clamping members of my improved device taken on lines 4—4 of Fig. 1, and

Fig. 5 is a perspective view of the novel curtain carrying rod.

In the attached drawings wherein one modification of my invention has been illustrated, 1 and 2 indicate clamping members adapted to engage the top edge of automobile door 3. Preferably these clamps are formed respectively with portions 1^a and 2^a to seat upon the top of the door and portions 1^b and 2^b depending therefrom and shaped on their interior surface to conform to the contour of the door. In the modification illustrated, the door has a bead 4 on its outer surface and accordingly the inner surface of portion 1^b is concave to engage therewith.

Members 1 and 2 are provided with a plurality of openings 5, 6 and 7 of substantially the same size. Through the front opening 5 extends a round rod 8 preferably integral with outside handle 9. The free end of rod 8 is threaded for nut 10 which serves to hold the inside handle 11 in assembled relation with portion 8. The inner handle 11 is provided with a squared opening 11^a to engage with a correspondingly shaped part of rod 8. It will be observed that handles 9 and 11 engage with sides of clamped members 1 and 2, and, while adapted to turn in the members, still assist in securing the clamping members to the automobile door. Inside handle 11 has a projection 12 adapted to engage with the rear side of the ordinary Ford handle, so that when either handle 9 or 11 is rotated forwardly, door handle 13 is actuated.

Through opening 6 in members 1 and 2 extends a curtain carrying rod 14 provided with a threaded terminal and nut 15. This rod is suitably bent to seat in a groove 16 on the outer surface of member 1 and when securely held therein by tightening nut 15, the rod 14 is firmly secured in place and the members 1 and 2 are tightly clamped together. Rod 14 is adapted to receive one end of a curtain of the door opening type as shown in Fig. 1, and the other end of the curtain being suitably secured to the automobile.

Openings 5 and 7 through members 1 and 2 are preferably provided with threads for a portion of their length, a cap screw (not shown) being utilized in one of these openings to secure members 1 and 2 to the automobile door in the event that the door curtain rod is not in use. Obviously a cap screw could also be used if desired, when the rod 14 is assembled with members 1 and 2.

It will be observed that the parts of my improved device are interchangeable as regards both sides of an automobile. Members 1 and 2 are provided with several openings of substantially the same size so that the cap screw and door handle 9 may be used interchangeably in openings 5 and 7. Member 1 preferably carries threads formed in each of the openings 5 and 7, while grove 16 on the outer surface of member 1 extends for

the full length thereof and permits curtain rod 14 to be employed at either end. Both handles 9 and 11 are interchangeable for either side of an automobile.

Having thus described one practical embodiment of my invention for purposes of illustration, I desire to have it understood that my invention is capable of various modifications without departing from the spirit thereof. The scope of my invention is defined by what is claimed.

What is claimed is:

1. In a device of the class described, in combination, clamping members adapted to engage the top of an automobile door, a handle for the said door, means passing through the said members for clamping them in assembled relation with the said door, and means comprising handles connected together on either side of the door and pivotally mounted in the said clamping members above the door for actuating the said door handle.

2. In a device of the class described, in combination, members adapted to be clamped to the top of an automobile door, a handle for the said door, threaded means passing through the said members above the door for clamping the said members in assembled relation with the said door, and means passing through and pivotally mounted in the said members above the door and comprising inner and outer handles, the inner handle having a portion adapted to engage with the said door handle.

3. A combined curtain carrying and door opening device for an automobile door comprising clamping members detachably engaging the opposite top sides of an automobile door, a curtain carrying rod extending through the members and provided with a nut for securing the said members in door clamping relation, and means for additionally securing the said members in door clamping relation comprising two door handles joined together through the clamping members above the door, one of the said handles being adapted to engage with and actuate an automobile door hande.

4. A combined curtain carrying and door opening device for an automobile door comprising clamping members detachably engaging the opposite top sides of an automobile door, and means passing through the clamping members above the door for securing the said members in door clamping relation, said means including a curtain carrying rod with a nut on one end, and also inner and outer handles joined together through and pivotally mounted in the said members, the handles being adapted to engage with and actuate a door handle.

In testimony whereof, I, hereunto affix my signature.

HARRY AMBUS.