W. A. KING.

AUTOMOBILE HOOD.

APPLICATION FILED MAY 17, 1920.

1,387,407. Patented Aug. 9, 1921.

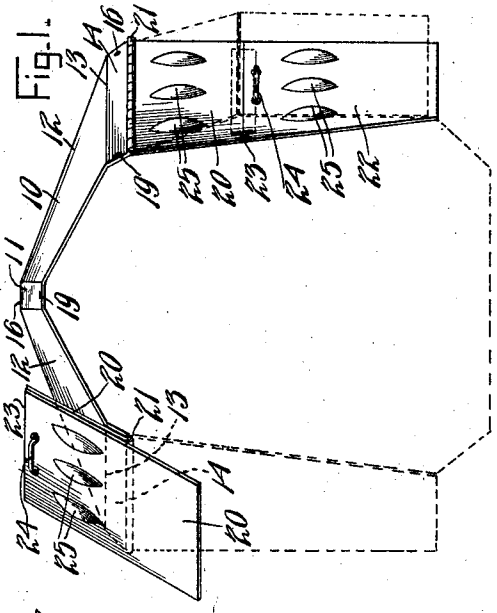


Fig. 1.

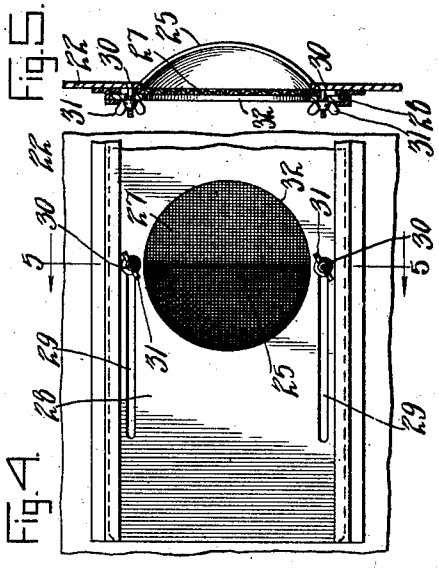


Fig. 4.

Fig. 5.

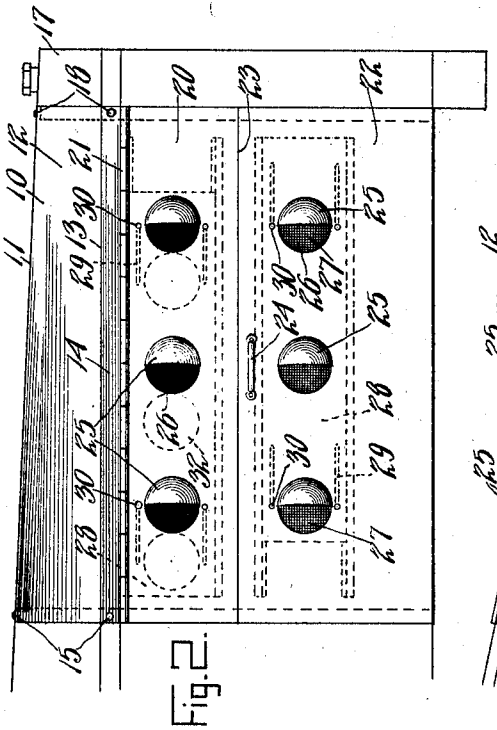


Fig. 2.

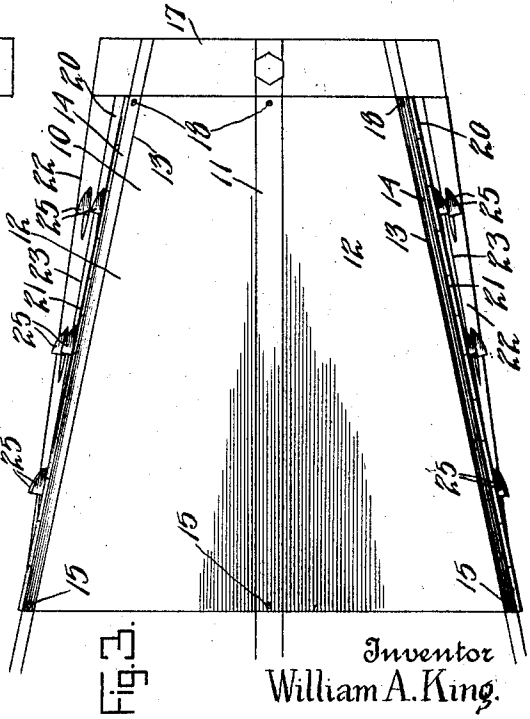


Fig. 3.

Inventor
William A. King.

By Bradford Morrill & Bierman
Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM A. KING, OF MEMPHIS, TENNESSEE.

AUTOMOBILE-HOOD.

1,387,407. Specification of Letters Patent. Patented Aug. 9, 1921.

Application filed May 17, 1920. Serial No. 382,138.

To all whom it may concern:

Be it known that I, WILLIAM A. KING, a citizen of the United States, residing at Memphis, in the county of Shelby and State of Tennessee, have invented certain new and useful Improvements in Automobile-Hoods, of which the following is a specification.

This invention relates to hoods for motor vehicles and has for an object to provide a hood presenting new and improved features of stability, convenience and efficiency.

The principal object of my invention is to provide a hood having side closures which may be opened concurrently at both sides and will remain in stable open position.

A further object of my invention is to provide such side closures with means for keeping dust out of the space under the hood and with means for regulating the ventilation of the same.

Referring to the accompanying drawings, which are made a part hereof, and on which similar reference characters indicate similar parts,

Figure 1 is a view of the improved hood, in front elevation, disconnected from the vehicle showing the hinged members at one side in open position, at the opposite side in closed position,

Fig. 2, a view of the hood in side elevation,

Fig. 3, a view of the hood in top plan,

Fig. 4, is an elevation taken from the interior showing a fragment of the slide for opening and closing the louver openings, and

Fig. 5 is a sectional view on a vertical line as indicated by the line 5—5 in Fig. 4.

The improved hood which forms the subject matter of this application is distinguished by a plate or sheet 10 forming the top of the hood. The sheet 10 is bent downwardly from a central horizontal plain band 11 upon opposite sides, as indicated at 12 and again bent at 13 to form an inclined band 14. The sheet 10 is permanently and rigidly secured to the body or cowl by rivets 15 inserted through openings 16 and likewise permanently and rigidly secured to the radiator 17 by rivets 18 inserted through the openings 19. By the rigid securing of this sheet to the cowl or body at the rear end and the radiator at the forward end and by reason of the stiffening of the sheet by the several abrupt angles or bends therein, the relation of the radiator to the body is at all times maintained to prevent sagging or other displacement.

To the lower edge of the band 14 closure leaves 20 are hinged, as at 21. To the lower edges of the leaves 20 the leaves 22 are hinged, as indicated at 23. One of the leaves, as the leaf 22 is provided with a handle 24 by which the two leaves 20 and 22 are manipulated. It is obvious that by engaging the handle 24 in the position shown at the right in Fig. 1 the leaves 20 and 22 may be outwardly moved to the dotted line position whereupon they will clear any obstruction, as for instance a fender, and permit their being folded at the top of the sheet 10, as indicated at the left in Fig. 1.

The leaves 20 and 22 are provided with louvers 25 preferably struck up from the material of the leaves leaving, at the plane of the leaves, a substantially circular opening 26 (see Fig. 4) which opening in each instance is filled by a wire screen or other foraminous material 27. It will be apparent that the opening formed by the louvers, which are approximately spherical quadrants, will be directed toward the rear of the motor in the usual well known manner. Within the hood, slides 28 are attached to the leaves 20 and 22, by means of slots 29 formed in such plates, engaging over threaded pins 30 with any convenient and appropriate form of securing the device as winged nuts 31.

The slides 28 are provided with circular openings 32 corresponding substantially to the openings 26 and properly spaced and positioned to register with such openings when the slide 28 is moved to its limit in one direction and to close the openings 26 when moved to its limit in the opposite direction, both limits of movement being indicated in dotted lines at Fig. 2. The slide 28 is adjusted relative to the louver openings for the purpose of varying the degree of ventilation provided for the contained parts and ordinarily in accordance with temperature conditions. As such changes in the position of the slide are made only occasionally the position of the controlling means within the hood, although slightly more difficult of access, is unobjectionable and

such adjusting means are thereby hidden from view.

Having thus fully described my said invention, what I claim as new and desire to secure by Letters Patent, is—

1. A vehicle hood comprising a stationary central sheet, a flat closure leaf pivoted to and depending from the edge of the central sheet, a second flat closure leaf pivoted to and depending from the lower edge of the first mentioned closure leaf, said leaves being held by gravity in contact with each other and with the central sheet when the hood is opened, substantially as set forth.

2. A vehicle hood comprising, a central stationary top bent on a plurality of longitudinal lines to form reinforcing ribs with flat faces separated thereby, a closure leaf hinged to and depending from the edge of the sheet, a second closure leaf hinged to the first and adapted to rest against the first in open position, and the first leaf adapted to rest against the lowermost of said flat faces, substantially as set forth.

3. A vehicle hood comprising a central stationary sheet having its outer edges bent to form flat inclined portions, a hinged closure depending therefrom and having outwardly extending louvers spaced from the edge to permit said closure to lie flat against said inclined portion in open position and a second closure leaf hinged to the first and having outwardly extending louvers and adapted to lie flat against the first leaf when in open position, substantially as set forth.

In witness whereof, I have hereunto set my hand and seal at Memphis, Tennessee, this 12 day of May, A. D. nineteen hundred and twenty.

WILLIAM A. KING. [L. S.]

Witnesses:
WILLIAM G. SCHUTTE,
JOHN W. FARLEY.