W. A. UTTZ.

DISPLAY NOVELTY FOR MOVING VEHICLES.

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1,275,327.

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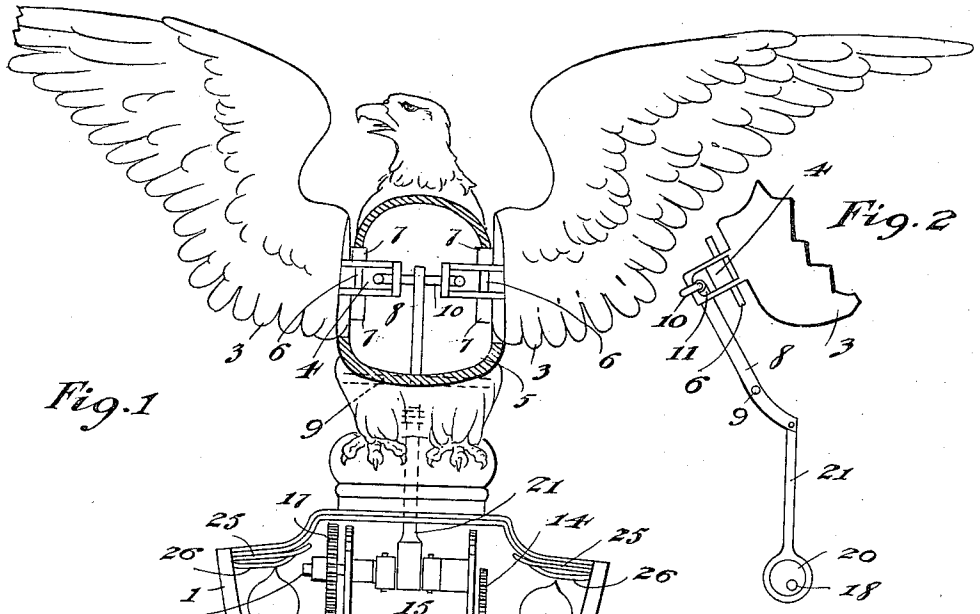


Fig. 1

Fig. 2

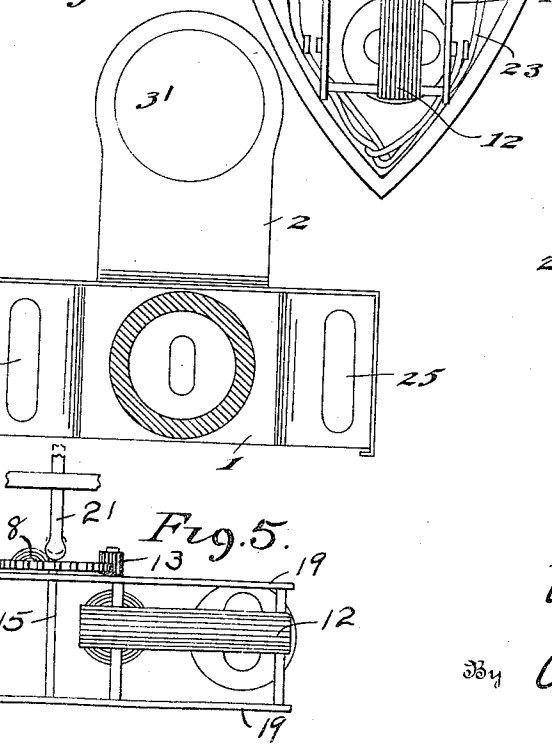


Fig. 4

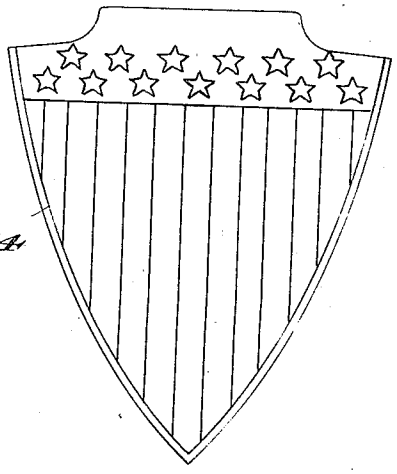


Fig. 3

Fig. 5.

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DISPLAY NOVELTY FOR MOVING VEHICLES.

1,275,327. Specification of Letters Patent. Patented Aug. 13, 1918.

Application filed January 28, 1918. Serial No. 214,042.

To all whom it may concern:

Be it known that I, WILLIAM A. UTTZ, a citizen of the United States, residing at Ardmore, in the county of Carter and State of Oklahoma, have invented certain new and useful Improvements in Display Novelties for Moving Vehicles, of which the following is a specification.

My invention relates to radiator novelties and more particularly to patriotic designs and to means for operating the novelties and to means for illuminating the novelties; and the object is to provide a simple ornamental and patriotic design to be mounted on the radiators of automobiles and to provide means for illuminating the design and to provide means whereby the design is automatically operated by the motor of the vehicle. Other objects and advantages will be fully explained in the following description and the invention will be more particularly pointed out in the claims.

Reference is had to the accompanying drawings which form a part of this application.

Figure 1 is a front elevation of the device, the cover to be illuminated being removed and a portion of the body of the eagle being removed for illustrating the operating mechanism. Fig. 2 is a side elevation of the operating lever, showing the pivotal connection of the wings. Fig. 3 is a front elevation of the shield removed from Fig. 1. Fig. 4 is a plan view of the motor casing, showing the transparent panels for illuminating the wings and showing the means for attaching the device to a radiator. Fig. 5 is an illustration of the means for actuating the strap bar 21, being a variation from the means previously shown for this purpose.

Similar characters of reference are used to indicate the same parts throughout the several views.

The device includes a representation of the American eagle mounted on a casing 1 having a front in the form of a shield. The casing 1 is to be mounted on the receiving nozzle of the radiator by means of an angular bracket 2 which has an opening 3′ to engage the receiving nozzle. The eagle is provided with wings 3 and means are provided for actuating or flapping the wings 3. The wings 3 have angular shanks 4 which are pivotally connected to the body 5 of the eagle by pivot bolts 6 which are journaled in bearings 7 formed on the inside of the body 5. The wings are moved by a lever 8 which is fulcrumed in the body 5 by means of the fulcrum bar 9. The lever 8 carries an actuating bar 10 which projects through the angular portions of both shanks 4. The shanks have vertical slots 11 to receive the actuating bar 10, making a loose connection for vibrating the wings on the vertical pivot bolts 6. When the lever 8 is actuated the wings 3 will flap.

Means are provided for actuating the wings 3 by means of the lever 8. The lever 8 may be actuated by any suitable power, as by a small motor 12 which is mounted in casing 1. The electric motor can be supplied with actuating current from the storage battery of the automobile. The motor drives a pinion 13 which drives a cog wheel 14. Cog wheel 14 drives a shaft 15 which drives a pinion 16. Pinion 16 drives a cog wheel 17 which drives an actuating shaft 18 which is journaled in the frame members 19. An eccentric collar 20 is rigid with the shaft 18. A push bar 21 is loosely strapped on the eccentric 20 and is pivotally connected to the lever 8. When the shaft 18 is driven, the lever 8 will actuate the wings 3 through the shanks 4, pivot shafts 6 and the loose connection of the bar 10 with the shanks 4. The shaft 18 will be driven when the motor 12 is energized or furnished with current which can be done at will by the car driver or chauffeur.

Means are provided for illuminating the device and the wings 3. Small electric lamps 22 are electrically connected to a supply source of current by wires 23 and the same source of electricity which furnishes lights for the automobile will furnish lights for illuminating the shield 24 and the wings 3. The shield 24 is shown removed from the device for clearness in illustration. The shield is to be provided with the national colors, including the stars and stripes, and may be varied with other designs. The wings 3 are illuminated by the same lamps 22. Transparent panels 25 are mounted in the casing 1 which has openings for the passage of the light through the panels 25. The panels 25 are held in place by spring fingers 26 which are attached to the inside of the casing 1 and bear against the panels. The light will go directly up against the wings 3.

The push bar 21 may be actuated by different means and by different types of motors. The motor 12 may be turned down

horizontally as shown in Fig. 5 and a horizontally disposed wheel 27 made rigid with the shaft 15 and a cam 28 provided on the upper side of the wheel 27 for actuating the push rod on each rotation of the wheel.

The design or eagle may be varied with other patriotic designs, as by the design shown in my co-pending application for design patent executed January 10, 1918, patented Apr. 16, 1918.

It is apparent that various other designs may be used and automatically actuated by the power of the vehicle with the operating mechanism shown and various changes in the construction and arrangement of the operating mechanism may be made without departing from my invention.

What I claim, is,—

1. A radiator novelty comprising a design and a casing for mounting the same on a radiator of a motor vehicle and operating mechanism for actuating said design including an electric motor mounted in said casing and to be operatively connected with the power plant of the vehicle.

2. A radiator novelty comprising a design and means for mounting the same on a radiator of a motor vehicle comprising a casing to be attached to the radiator, said design being provided with moving elements, and means including an electric motor mounted in said casing and operatively connected with said moving elements and to be electrically connected with the power plant of the vehicle for automatically operating said moving elements.

3. A radiator novelty comprising a design and means for mounting the same on a radiator of a motor vehicle comprising a casing to be attached to the radiator, said design being provided with moving elements, and a motor mounted in said casing and operatively connected with said moving elements and to be electrically connected to the power plant of the vehicle for automatically actuating said moving elements.

4. A novelty comprising a design and means for mounting the same on a motor vehicle comprising a casing to be attached to the vehicle, said design being provided with moving elements, and a motor mounted in said casing and operatively connected with said moving elements and to be electrically connected with the power plant of the vehicle to be actuated by the power plant of the vehicle for automatically actuating said moving elements.

5. A novelty comprising an eagle provided with movable wings and means for mounting the same on a vehicle comprising a casing attached to a vehicle, a motor mounted in said casing, actuating devices operatively connected with said motor and with said wings whereby said wings are moved by said motor, and means for making electrical connection of said motor with the power plant of the vehicle.

6. A novelty comprising an eagle provided with movable wings pivotally connected with the eagle, a casing for mounting said eagle on a vehicle, a lever operatively connected with the wings of the eagle for moving the wings, and means for automatically actuating said lever.

7. A novelty comprising an eagle provided with wings having pivotal connections with said eagle and having shanks projecting within the body of the eagle, a lever operatively connected with said shanks, and an eccentrically actuated push rod for actuating said lever.

8. A novelty comprising an eagle provided with wings pivotally connected thereto and provided with shanks projecting within the body of the eagle, a lever operatively connected with said shanks, a casing for mounting said eagle, and a motor mounted in said casing and operatively connected with said lever for actuating the same.

9. A novelty comprising an eagle provided with wings pivotally connected thereto and provided with shanks projecting within the body of the eagle, a lever operatively connected with said shanks, a casing for mounting said eagle on a motor vehicle, and a motor mounted in said casing and operatively connected with said lever and to be electrically connected with the power plant of the vehicle for automatically actuating said lever.

10. A novelty comprising an eagle and a casing for mounting said eagle on a motor vehicle, said eagle being provided with moving wings, and means for illuminating said eagle and wings consisting of electric lamps mounted in said casing, said casing having transparent panels for the passage of light to said eagle and its wings, and means for electrically connecting said lamps with the lighting system of the vehicle.

11. A novelty comprising a design, a casing for mounting said design on a motor vehicle, said casing being provided with an ornamental shield and provided with transparent panels adjacent to said design, electric lamps mounted in said casing, and means for electrically connecting said lamps with the lighting system of the vehicle for illuminating said shield and design.

In testimony whereof, I set my hand, this tenth day of January, 1918.

WILLIAM A. UTTZ.