March 29, 1927. 1,622,586

J. W. HOFFMAN

STEERING WHEEL HOLDING DEVICE

Filed July 26, 1926

Fig. 1

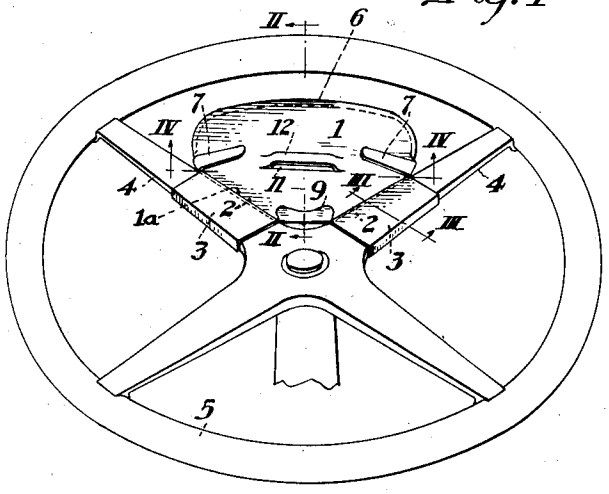


Fig. 5

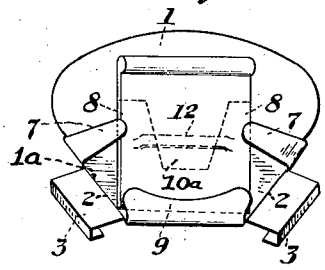


Fig. 2

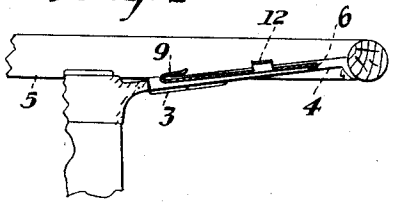


Fig. 3

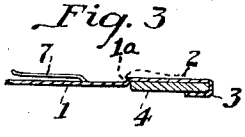


Fig. 4

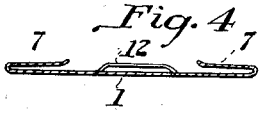
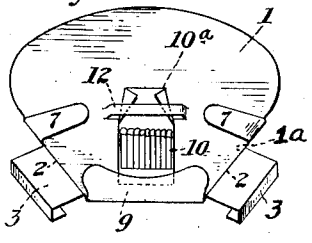


Fig. 6



INVENTOR.
John W. Hoffman
BY
Gerard S. Baldwin
ATTORNEY.

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UNITED STATES PATENT OFFICE.

JOHN W. HOFFMAN, OF DETROIT, MICHIGAN.

STEERING-WHEEL HOLDING DEVICE.

Application filed July 26, 1926. Serial No. 124,825.

This invention aims to provide a steering wheel holding device by which such articles as maps, strips of matches, order books and the like can be supported on a steering wheel in front of a driver.

It is an object of the invention to provide a steering wheel holding device which can be cheaply made and easily applied without defacing the steering wheel in any way.

Another object of the invention is to provide a holding device consisting solely of one substantially V-shaped piece having projecting margins adapted to be flexed around adjacent spokes of a steering wheel, and having inwardly bent members to hold the sides and bottom of the article to be supported thereby. Moreover an outwardly projecting transverse strap substantially central of the device is also provided to receive the tab on the back of the article to be supported.

Having thus briefly outlined the major purposes of the invention I will now proceed to describe an embodiment thereof with the aid of the accompanying drawings, in which:

Figure 1 illustrates the invention in position on a steering wheel.

Figures 2, 3 and 4 are sections on the lines II—II, III—III and IV—IV of Figure 1.

Figure 5 shows a view of the invention with a book mounted therein, and

Figure 6 depicts the invention being used to support a strip of matches.

Referring to the drawings, 1 designates the holding device which consists of a substantially V-shaped plate having sides 2 with projecting portions 3. The latter must be sufficiently pliable to be bent downwardly and inwardly around two adjacent spokes 4 of a steering wheel 5, and the lower end of the plate should be in proximity to the junction between these two spokes. The upper edge 6 of the plate is preferably curved to conform to the radius of the steering wheel and is spaced a sufficient distance therefrom to allow room for the driver's fingers between it and the inner radius of the wheel. This outer edge is usually doubled over as shown in Figures 1 and 2 to insure a smooth edge so that under no circumstances can the driver's fingers be cut by it.

Between the outer edge 6 and the projecting portions 3 are inwardly flexed clips 7 adapted to grip the sides of an article such as the book 8. The upwardly inclined catch 9 located between the portions 3 and integral with the bottom of the plate also holds the article as in the case of the book 8 or the strip of matches 10 at their lower ends.

Towards the centre of the plate are two parallel transverse slots 11, and between them is a forwardly bent strap 12. This latter is provided to receive a tab 10^a as shown on the back of the book 8 or the strip of matches 10 to afford additional holding means, and is primarily intended for such smaller articles as the strip of matches which is not wide enough to be held by the clips 7.

The central portion of the plate is generally slightly depressed, firstly to form a nest into which the article supported by the plate may sink so that it will not be so easily raised out of its place by wind, and, secondly, the depressed form provides downward surfaces 1^a to bear against the opposed inner surfaces of the spokes 4 so that the plate will be more readily and more securely held in position.

While in the foregoing the preferred embodiment of the invention has been described and shown it is understood that the construction is susceptible to such modifications as fall within the scope of the appended claims.

What I claim as my invention and desire to secure by Letters Patent is:

1. A device of the character described consisting of a substantially V-shaped plate adapted to rest on two adjacent spokes of a steering wheel and having projecting portions adapted to be flexed around said spokes, said plate being depressed centrally of its width so that said depressed portion is adapted to nest between said spokes, said plate having its outer edge in the form of an arc, inbent marginal projections integral with said plate between the outer edge and said projecting portions, and an inbent mar-

ginal projection between said projecting portions.

2. A device of the character described consisting of a plate having flexible projections adapted to be bent around adjacent spokes of a steering wheel, said plate having marginal projections bent back over said plate, and said plate having two transverse slots and an outwardly flexed strap between said slots, said strap being integral with said plate, said marginal projections and said strap being adapted to hold an article on said plate.

JOHN W. HOFFMAN.