

June 7, 1932.

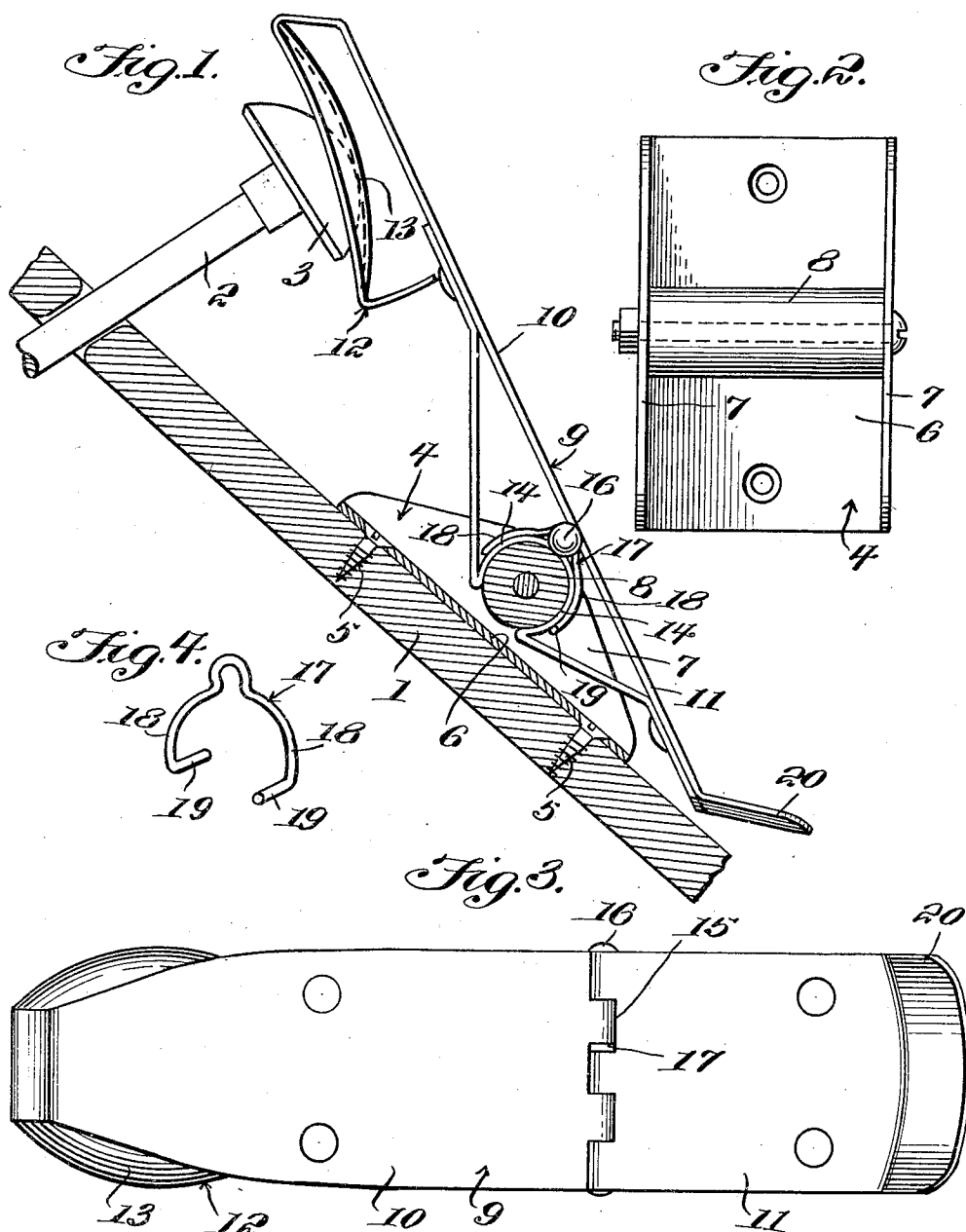
H. BAILEY

1,862,453

FOOT REST ACCELERATOR CONTROL

Filed Jan. 8, 1932

2 Sheets-Sheet 1



Harrison Bailey
INVENTOR

BY Victor J. Evans
and Co. ATTORNEY

WITNESS: J. L. Wright

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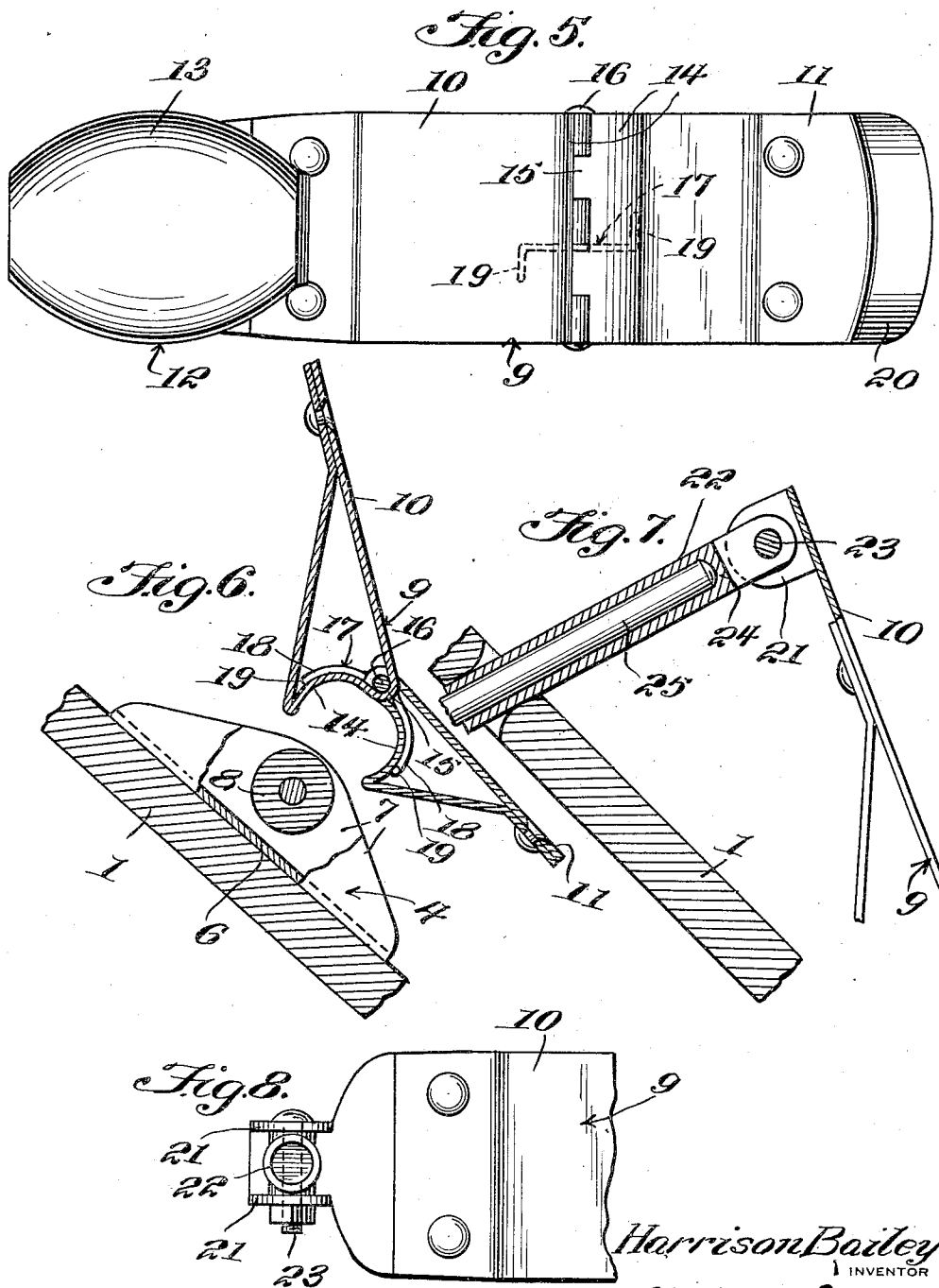
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WITNESS: *J. L. Wright*

Harrison Bailey
INVENTOR
BY *Victor J. Evans*
and Co. ATTORNEY

UNITED STATES PATENT OFFICE

HARRISON BAILEY, OF MOUNT CARMEL, PENNSYLVANIA

FOOT REST ACCELERATOR CONTROL

Application filed January 8, 1932. Serial No. 585,612.

This invention relates to foot rests for accelerators of automobiles and like vehicles and has for the primary object, the provision of a device which may be easily and quickly installed and applied to the conventional type of accelerator and will provide an efficient and comfortable rest and one whereby the operator may easily and evenly control the movements of the accelerator and consequently the speed of the engine to which the accelerator is connected.

Another object of this invention is the provision of a foot rest for accelerators of the above stated character which will be simple, durable and efficient and which may be manufactured and sold at a comparatively low cost.

With these and other objects in view, this invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawings, in which

Figure 1 is a side elevation partly in section illustrating a foot rest for accelerators constructed in accordance with my invention.

Figure 2 is a plan view illustrating a supporting bracket.

Figure 3 is a plan view illustrating the foot rest.

Figure 4 is a detail view illustrating a tension means.

Figure 5 is a bottom plan view illustrating the foot rest.

Figure 6 is a fragmentary sectional view illustrating the sections of the foot rest moved relative to each other for application and removal to the bracket.

Figure 7 is a detail sectional view illustrating a modified form of my invention.

Figure 8 is a fragmentary plan view illustrating the same.

Referring in detail to the drawings, the numeral 1 indicates the floor boards of a motor vehicle having extending therethrough the accelerator 2 provided with the usual head or button 3.

A bracket 4 is secured to the floor boards 1 by screws or like fasteners 5 and consists of a base plate 6 having fastening ears or flanges 7 to which is removably secured a cylindrical journal or bearing 8 on which is pivotally mounted a foot rest 9.

The foot rest 9 comprises a sectional plate forming toe and heel portions 10 and 11. The plate or toe portion 10 is bent upon itself to provide an accelerator engaging member 12 having a concave face 13 to receive and engage the head or button 3 of the accelerator. The sections of the plate are bent upon themselves to form arcuate shaped bearing portions 14 adapted to engage about the bearing or journal 8. The sections of the foot rest adjacent the arcuate shaped bearing portions are abruptly curved and are slotted to have interfitting connection with each other to form hinge barrels 15 receiving a pintle 16 whereby the sections of the foot rest are hingedly connected. The pintle 16 has mounted thereon a tension element 17 provided with arcuately curved portions 18 engaging the arcuately curved bearing portion 14 and have their free ends angularly disposed and extended in opposite directions as shown at 19. The tension element 17 normally urges the arcuate shaped bearing portions toward each other to cause said bearing portions to grip the cylindrical bearing or journal 8 and provide a construction which will permit the foot rest to be removed from the bearing or journal 8 by swinging the sections of the foot rest upon the pintle 16 so that the arcuate shaped bearing portions move away from each other as shown in Figure 6.

The heel portion 11 of the foot rest is bent angularly to form a flange 20 to prevent the heel from slipping off the foot rest during the use of the device.

As shown in Figures 7 and 8 the toe portion 10 of the foot rest may be cut away to form a pair of spaced ears 21 to which a tubular member 22 is pivoted as shown at 23. The tubular member has its pivoted end closed as shown at 24 and fits over an accelerator 25 in the form of a rod or where the head or button of the usual accelerator is removed.

From the foregoing description taken in

connection with the accompanying drawings, it will be noted that a foot rest has been provided which can be easily and conveniently applied to a motor vehicle and also to the accelerator thereof without altering the construction of the latter and will permit the operator to easily and evenly move the accelerator, consequently evenly controlling the speed of the vehicle without tiring the foot.

While I have shown and described the preferred embodiment of my invention, it will be understood that minor changes in construction, combination and arrangement of parts may be made without departing from the spirit and scope of my invention, as claimed.

Having thus described my invention, what I claim is:

1. A foot rest for accelerators comprising a supporting bracket, a journal carried by said bracket, an elongated plate including hinged sections and arcuate shaped portions fitting about the journal, and tension means urging the arcuate shaped portions in engagement with the journal, and means carried by said plate for connecting the latter to an accelerator.

2. A foot rest comprising a plate including a pair of sections hinged together, journal engaging elements on the hinged ends of said sections, a supported journal engaged by said elements, and tension means normally urging said elements to engage the journal and retain said plate for pivotal movement thereon and to permit detachment of the plate from the journal by moving said sections toward each other.

3. A foot rest comprising a plate including a pair of sections hinged together, journal engaging elements on the hinged ends of said sections, a supported journal engaged by said element, tension means urging said elements to engage the journal and retain said plate for pivotal movement thereon, and one of said sections bent upon itself and concave to engage an accelerator.

4. A foot rest comprising a plate including a pair of sections, a hinge connecting said sections, arcuate shaped elements on said sections adjacent their connected ends, a supported cylindrical journal engaged by said elements, and a tension element carried by the hinge and engaging said elements to urge them toward each other for gripping the journal.

In testimony whereof I affix my signature.
HARRISON BAILEY.