

No. 780,746.

PATENTED JAN. 24, 1905.

N. T. HARRINGTON.
BODY FOR MOTOR VEHICLES.

APPLICATION FILED AUG. 16, 1904.

2 SHEETS—SHEET 1.

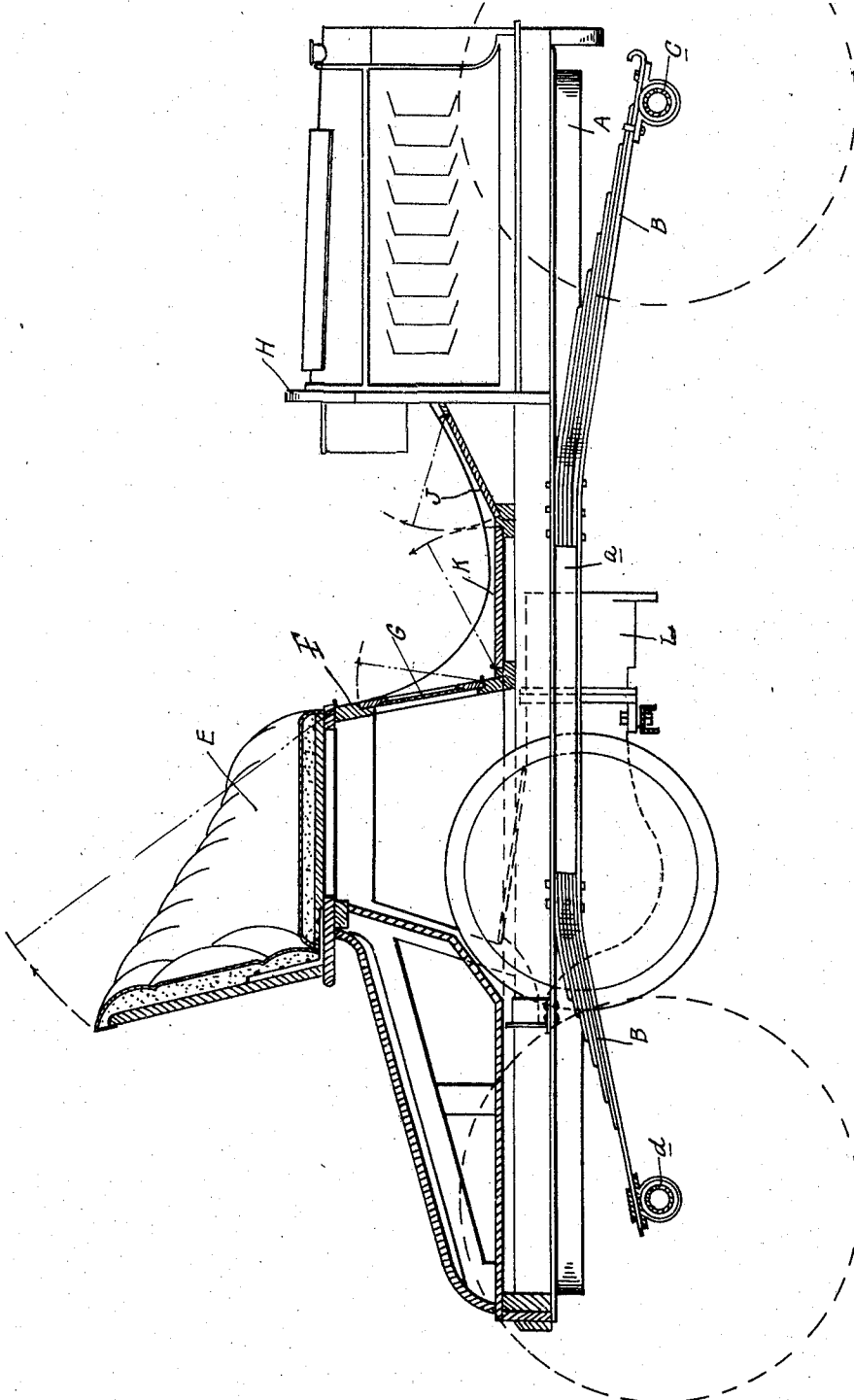


FIG. 1.

WITNESSES
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INVENTOR
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BY *James Whittington*

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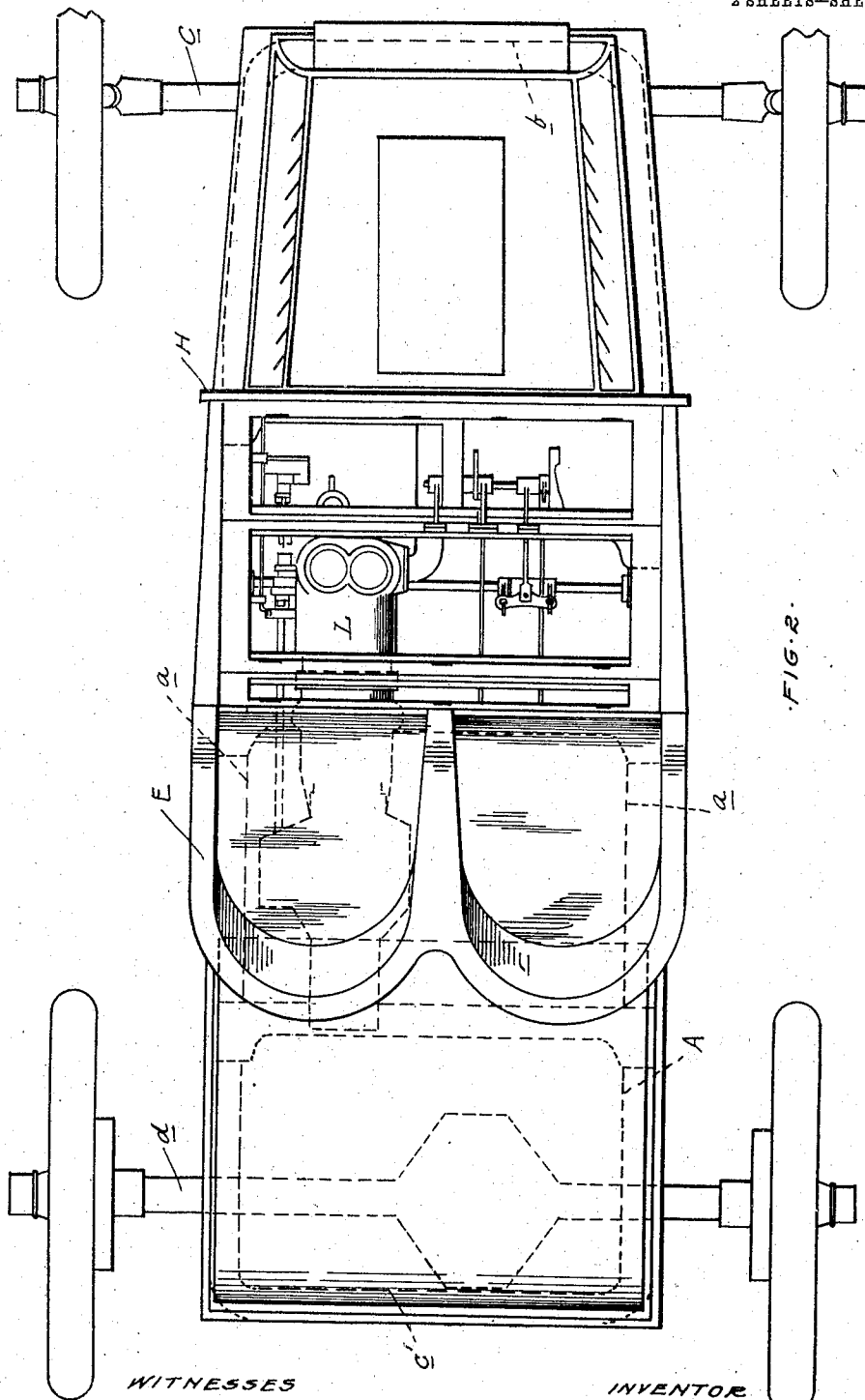
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2 SHEETS—SHEET 2.



WITNESSES

Geo. H. Green
 Jas. P. Barry

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INVENTOR

NORMAN T. HARRINGTON.

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UNITED STATES PATENT OFFICE.

NORMAN T. HARRINGTON, OF DETROIT, MICHIGAN, ASSIGNOR TO OLDS MOTOR WORKS, OF DETROIT, MICHIGAN, A CORPORATION OF MICHIGAN.

BODY FOR MOTOR-VEHICLES.

SPECIFICATION forming part of Letters Patent No. 780,746, dated January 24, 1905.

Application filed August 16, 1904. Serial No. 220,945.

To all whom it may concern:

Be it known that I, NORMAN T. HARRINGTON, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Bodies for Motor-Vehicles, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention relates to motor-vehicles, and has particular reference to the construction of the body and the arrangement of the same upon the supporting-frame.

In the drawings, Figure 1 is a longitudinal section through the body and frame of the motor-vehicle, and Fig. 2 is a plan view of the frame.

A is the body-supporting frame, which is preferably of rectangular form, comprising the longitudinal side bars *a* and the forward and rear end bars *b* and *c*.

B represents spring arms extending forward and rearward of the body and attached to the side bars of the frame A at points intermediate their ends. The free ends of the spring-arms are supported upon the forward and rear axles *c* and *d*.

The body comprises a seat E, which is hinged at its forward edge to the seat-frame F, so as to be capable of folding downward adjacent to the front panel G of said frame.

H is the dashboard, and I is a footboard, which is provided with two hinged panels J and K. The panel J is adapted to turn upward adjacent to the dash H, while the panel K can be swung adjacent to the panel G.

The arrangement of mechanism supported by the vehicle-frame is such that the engine L has its cylinder and valve mechanism arranged beneath the footboard. Thus by turning up the panels K and J access may be had to the mechanism beneath. The panel G of the seat-frame is also preferably hinged at its lower edge, so as to be capable of folding downward to permit of access to the parts beneath the seat-frame, and for further access thereto the seat E may be turned down adjacent to said panel.

What I claim as my invention is—

1. In a motor-vehicle the combination with body and supporting-frame therefor, of cross-

bars on said frame and an engine extending horizontally between said cross-bars and secured thereto, having its cylinder projecting forward, said cylinder being located beneath a hinged panel of the footboard of the body.

2. In a motor-vehicle, a body comprising a seat, a dash and a footboard the latter having a panel thereof hinged to turn up adjacent to said seat.

3. In a motor-vehicle, a body comprising a seat, a dash and a footboard the latter having oppositely-disposed hinged portions the rear portion thereof arranged to fold adjacent to said seat and the front portion arranged to fold adjacent to said dash.

4. In a motor-vehicle, a body comprising a seat, a dash and a footboard, the latter having oppositely-disposed hinged portions the rear portion being horizontal and adapted to fold adjacent to said seat, and a forward portion inclining and adapted to fold adjacent to said dash.

5. In a motor-vehicle, a body comprising a seat-frame provided with a front panel, a dash and a footboard having a section hinged to fold upward adjacent to said panel, and a seat hinged to fold downward adjacent to said panel.

6. In a motor-vehicle, a body comprising a seat-frame provided with a front panel, a dash, a footboard having two hinged sections adapted to fold upward respectively adjacent to said panel and dash, and a seat hinged to said frame adapted to fold downward adjacent to said panel.

7. In a motor-vehicle, a body comprising a seat-frame provided with a front panel hinged adjacent its lower end to swing downwardly adjacent the footboard, said footboard having oppositely-disposed hinged sections adapted to fold upward respectively adjacent to said panel and the dashboard, and a seat hinged to said seat-frame adapted to fold downward adjacent the panel of said frame.

In testimony whereof I affix my signature in presence of two witnesses.

NORMAN T. HARRINGTON.

Witnesses:

JAS. P. BARRY,
E. D. AULT.