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PATENT SPECIFICATION



Convention Date (France) : Jan. 23, 1928.

304,661

Application Date (in United Kingdom) : Jan. 22, 1929. No. 2200 / 29.

Complete Accepted : Sept. 5, 1929.

COMPLETE SPECIFICATION.

Improvements in or relating to Skids for Vehicles.

I, ADOLPHE KEGRESSE, a French Citizen, of 156, rue Armand Silvestre, Courbevoie (Seine) France, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

It is known that it is very difficult to steer a motor vehicle in the snow, more particularly on a slope.

The guides which are generally placed under the runners, whether they be hollow or in relief, are never very efficient, and they are useless as soon as the ground has even a little pronounced slope. In such a case, the relief parts do not offer in the soft snow sufficient resistance to resist lateral thrusts. On the other hand, the space between the guide and the flat surface of the runner becomes packed which greatly interferes with steering and offers great resistance to advance.

The present invention comprises a guide device for vehicle skids, characterised by one or two blades of suitable dimensions and shape, fixed and adjustable at will in the vertical direction on the side or sides of the skid.

In the accompanying drawing—

Figure 1 is an elevation of the device, Figure 2 is a section and Figure 3 is a plan.

The runner 1 is provided at each side with brackets 2, of a number in proportion to the size of the machine (in the present case three are shown).

Against each set of supports 2 a steel blade 3 rests provided with slots 4 each affording passage to a fixing bolt 5.

In that way, at each side of the runner, or only at one side if desired, guide knives are arranged which can be raised or lowered relatively to the ground, according to each individual case.

As these knives are outside of the runner itself, it will be understood that at one side (at least at the outside) no filling can take place. Efficient steering of the vehicle is thus ensured.

On a heavy slope, these knives will prevent the front of the machine from sliding laterally, and thus assist steering of the vehicle.

It will be seen in Figure 1 that the shape of the lower front and rear portion of the knife is much rounded, with the object of preventing the knife from stopping in the fairly frequent cases of meeting hard bodies invisible under a layer of snow.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A guide device for vehicle skids, characterised by one or two blades of suitable dimensions and shape, fixed and adjustable at will in the vertical direction on the side or sides of the skid.

2. The guide device for vehicle skids substantially as described or substantially as illustrated in the accompanying drawing.

Dated this 21st day of January, 1929.

ADOLPHE KEGRESSE,

per: Boulton, Wade & Tennant,
111/112, Hatton Garden, London, E.C. 1,
Chartered Patent Agents.

Redhill: Printed for His Majesty's Stationery Office, by Love & Malcomson, Ltd.—1929.

[Price 1/-]

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Fig. 1.

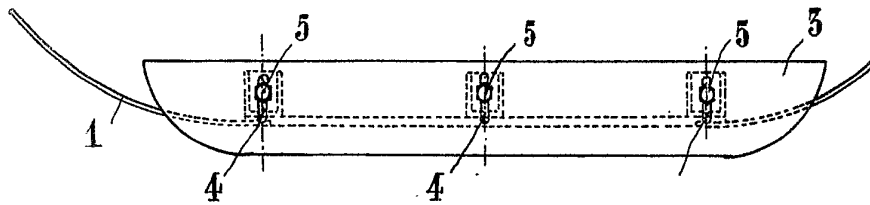


Fig. 3.

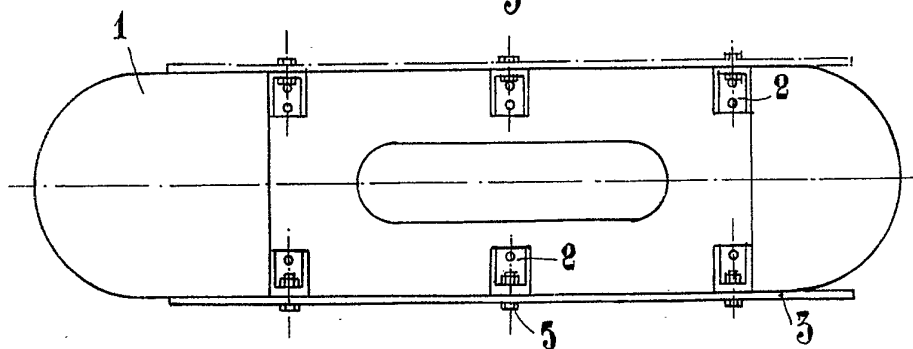
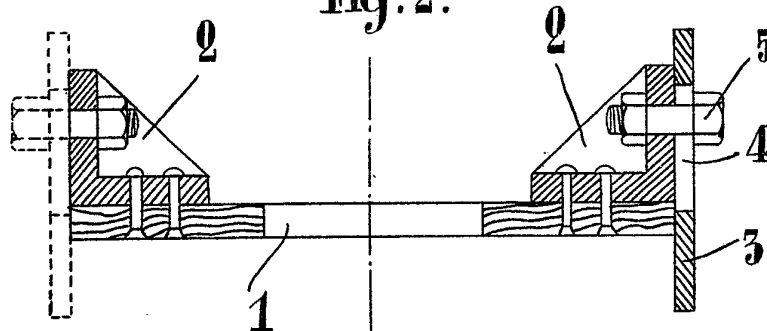


Fig. 2.



[This Drawing is a reproduction of the Original on a reduced scale.]