

PATENT SPECIFICATION



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304,210

Application Date (in United Kingdom): Jan. 15, 1929. No. 1464/29.

Complete Accepted: May 2, 1929.

COMPLETE SPECIFICATION.

Improvements in or relating to Motor Sleighs or like 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:—

In vehicles intended to travel in the snow, the propelling machinery of which is mounted at the rear, the front of the machine is generally supported by two runners or skis controlled by a steering device.

In soft snow, these runners or skis are frequently insufficient, the vehicle sinks and the snow shoved by the front axle, collects sometimes in front of the machine, thus considerably interfering with and even stopping the advance of the vehicle.

The present invention relates to a device enabling the said drawback to be avoided.

In the accompanying drawing,

Figure 1 shows in sectional elevation a construction of the device proposed.

Figure 2 shows it in plan.

As will be seen in Figures 1 and 2, the front of the vehicle is provided with a part 1 of a suitable shape, of sheet metal for instance passing under the axle 2 and secured to the latter.

This part 1 could be provided inside with any desired number of spring blades 3 (the drawing shows two of them) enabling the said part 1 to have a certain flexibility. These blades could be used for securing the part 1 to the axle by

engaging over the latter. In such a case shackles 4 (Figure 1) secure the whole.

The working of this whole is of the simplest and requires practically no explanation. It will be readily understood in fact that when the front of the vehicle has the tendency to sink in the snow, the part 1, will bear on the latter, thus offering a very large surface of support. The snow which may tend to accumulate, is so to say crushed by the machine which, owing to the part 1 of suitable shape, always tries to rise to the top.

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:—

A snow rammer for motor vehicles propelled from the rear, characterised by a part of a suitable shape arranged in front of the vehicle and secured to the organs of the chassis (axles, frame, etc.,) by well known means, this part, preferably of sheet metal, resulting in giving a large surface of support to the vehicle on the snow which is so to say crushed and cannot accumulate and interfere with the advance of the vehicle.

Dated this 15th day of January, 1929.

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

Price 4s 6d

[This Drawing is a full-size reproduction of the Original.]

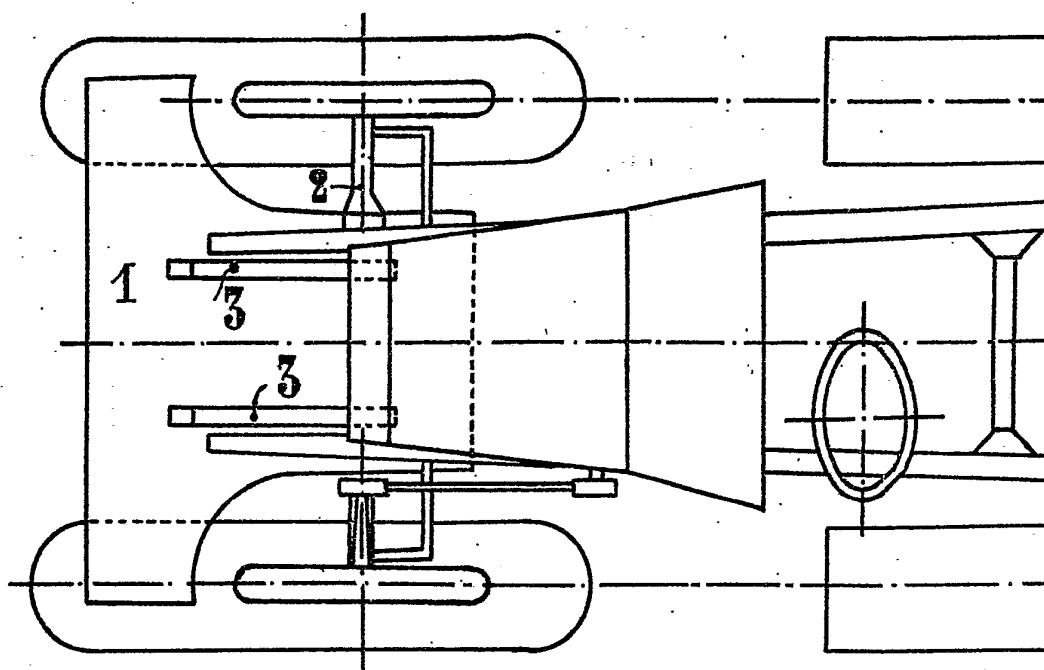
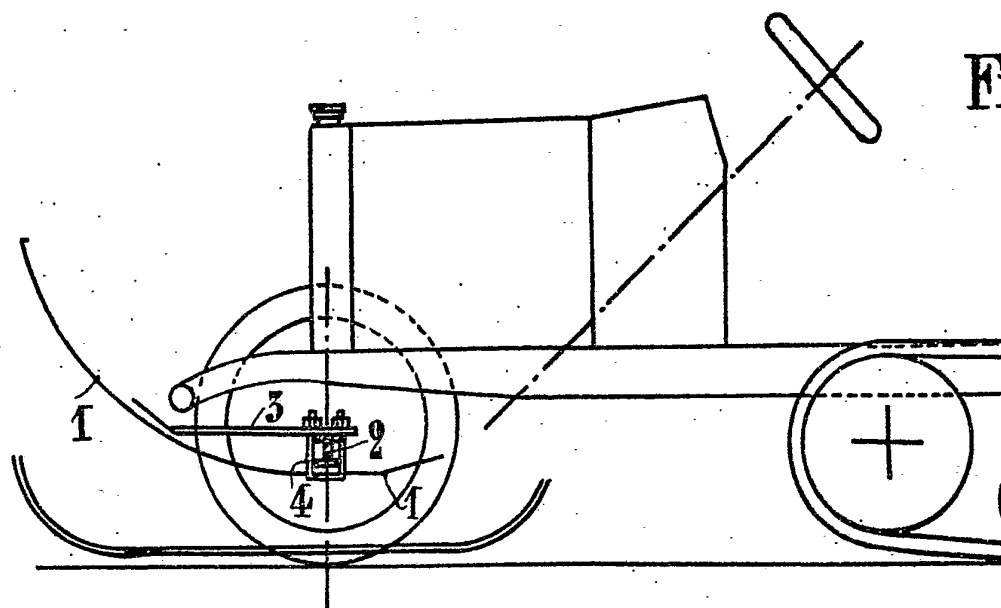


Fig.1

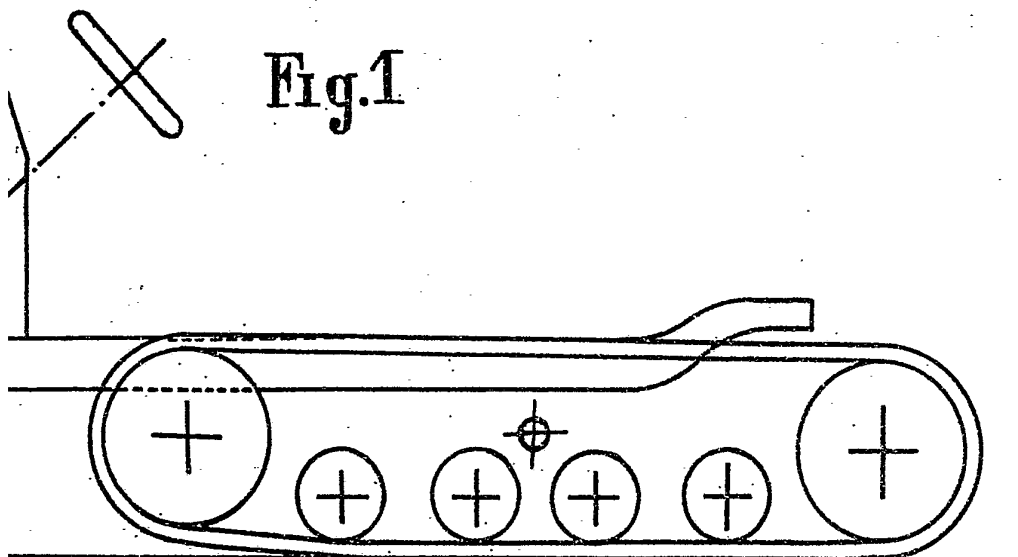
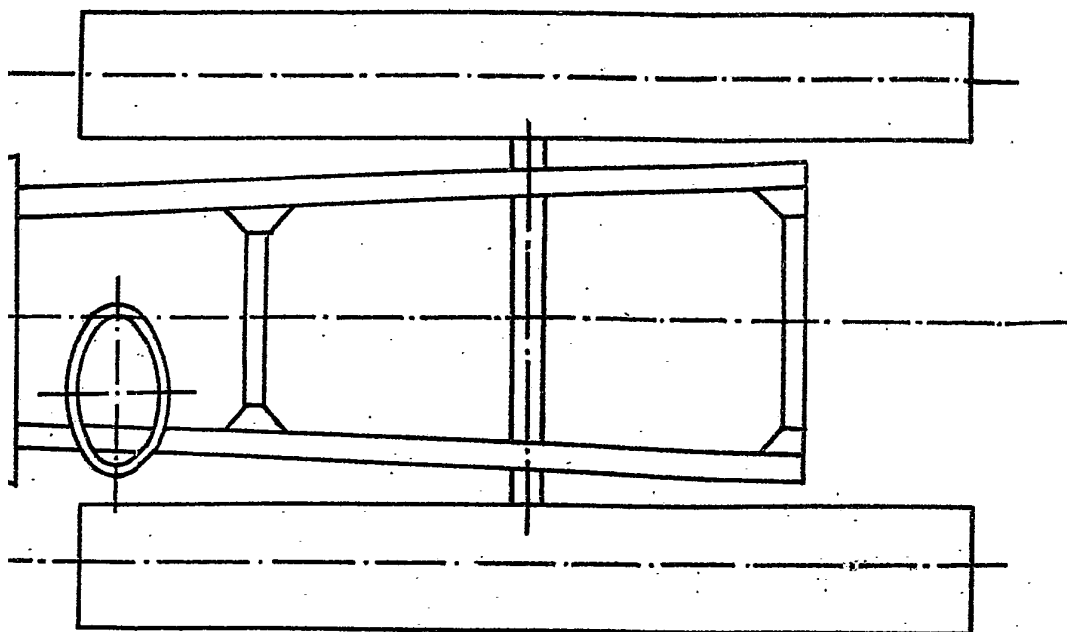


Fig.2



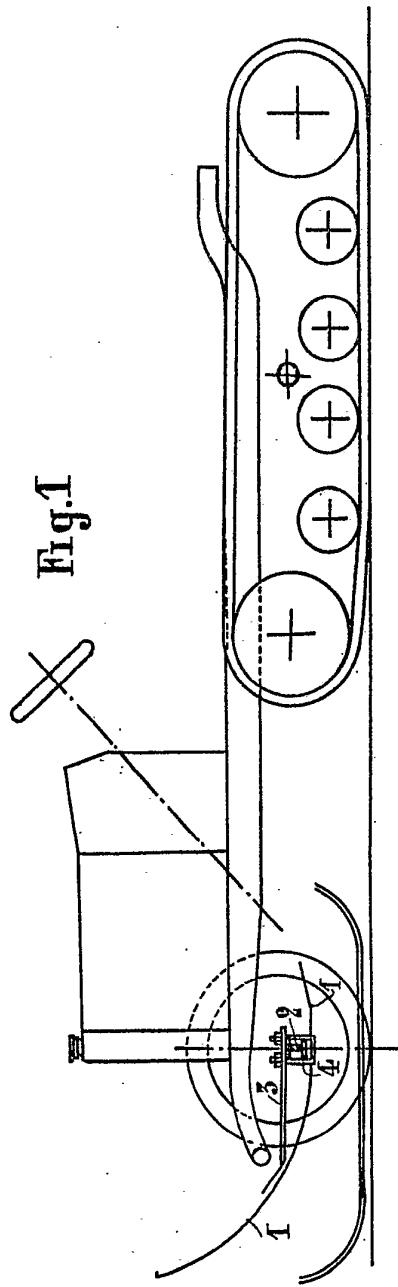


Fig. 1

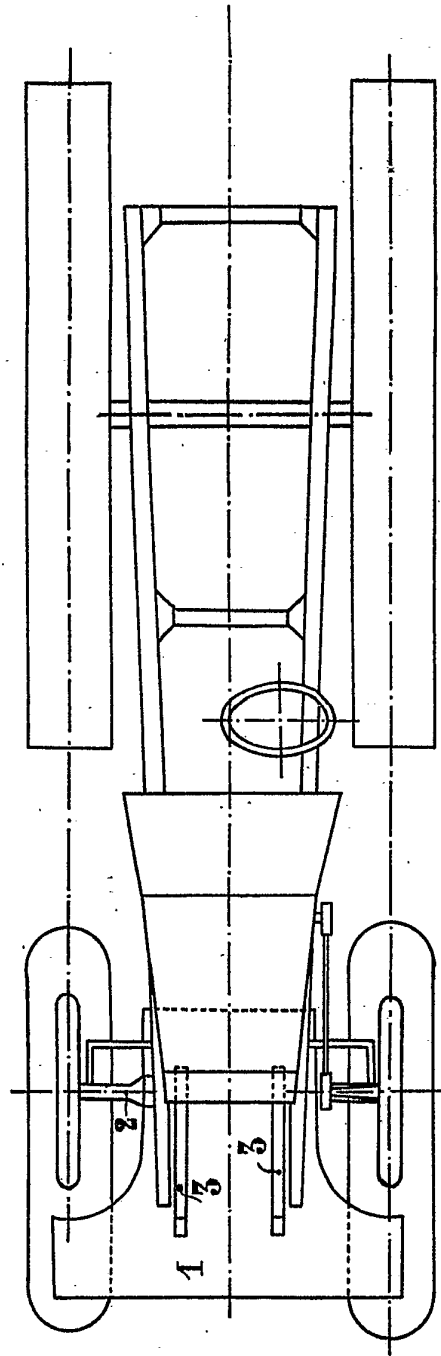


Fig. 2

[This Drawing is a full-size reproduction of the Original]