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(71) Applicant: **KEGRESSE ADOLPHE.**

(72) Inventor: **KEGRESSE ADOLPHE ().**

(54) **SNOW RIDER FOR MOTOR VEHICLES**

(57) **Abstract:**

(54) **GLISSEUR A NEIGE DE VEHICULE-MOTEUR**

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With vehicles intended to travel over snow and the propelling system of which is positioned at the rear, the front of the machine is generally carried by two runners or skis controlled by the steering gear.

Over soft snow such runners or skis frequently prove inadequate, the vehicle sinks down and the snow, rubbed up by the front axle, accumulates in front of the machine thereby considerably impeding and, at times, even arresting progress.

The object of this invention is to provide a device adapted to avoid such inconvenience.

In order to make my invention more clearly understood I have illustrated as an example an embodiment thereof in and by a drawing appended hereto and wherein;

Figure 1 is a sectional elevation of a device constructed in accordance with my invention;

Figure 2 is a plane view of the same.

As will be apparent from these Figures 1 and 2, the forepart of the vehicle is provided with a member 1 suitably shaped, and made, for instance, of sheet metal, that passes under the axle 2 and is secured thereto.

Said member 1 may be fitted inside with any number of spring blades 3 (two are shown on the drawing) imparting some resiliency thereto. Said blades may also serve for securing member 1 on the axle by capping the latter. In this case yokes 4 (Figure 1) firmly assemble the whole.

Operation of the above described set is of the simplest and requires almost no explanation. As a matter of fact it will be readily realized that when the front of the vehicle will tend to sink into snow, member 1 will bear on said snow, thereby offering a very broad bearing surface. Any snow that would tend to accumulate would be, as it were, crushed down by the machine which, owing to the appropriate shape of member 1, would always tend to ride thereover.

Having thus described my invention, I claim:-

Improvements in vehicles adapted to run over snow, rear propelled, and having the usual steering runners, consisting of a snow rider resiliently secured to the frame of the vehicle above the runners, said rider being made of sheet metal, curved upwardly at the front and the breadth of which is substantially equal to that of the vehicle, in order that said rider will always tend to ride over the snow accumulating in front of the vehicle and prevent the runners from digging too deep in soft snow.

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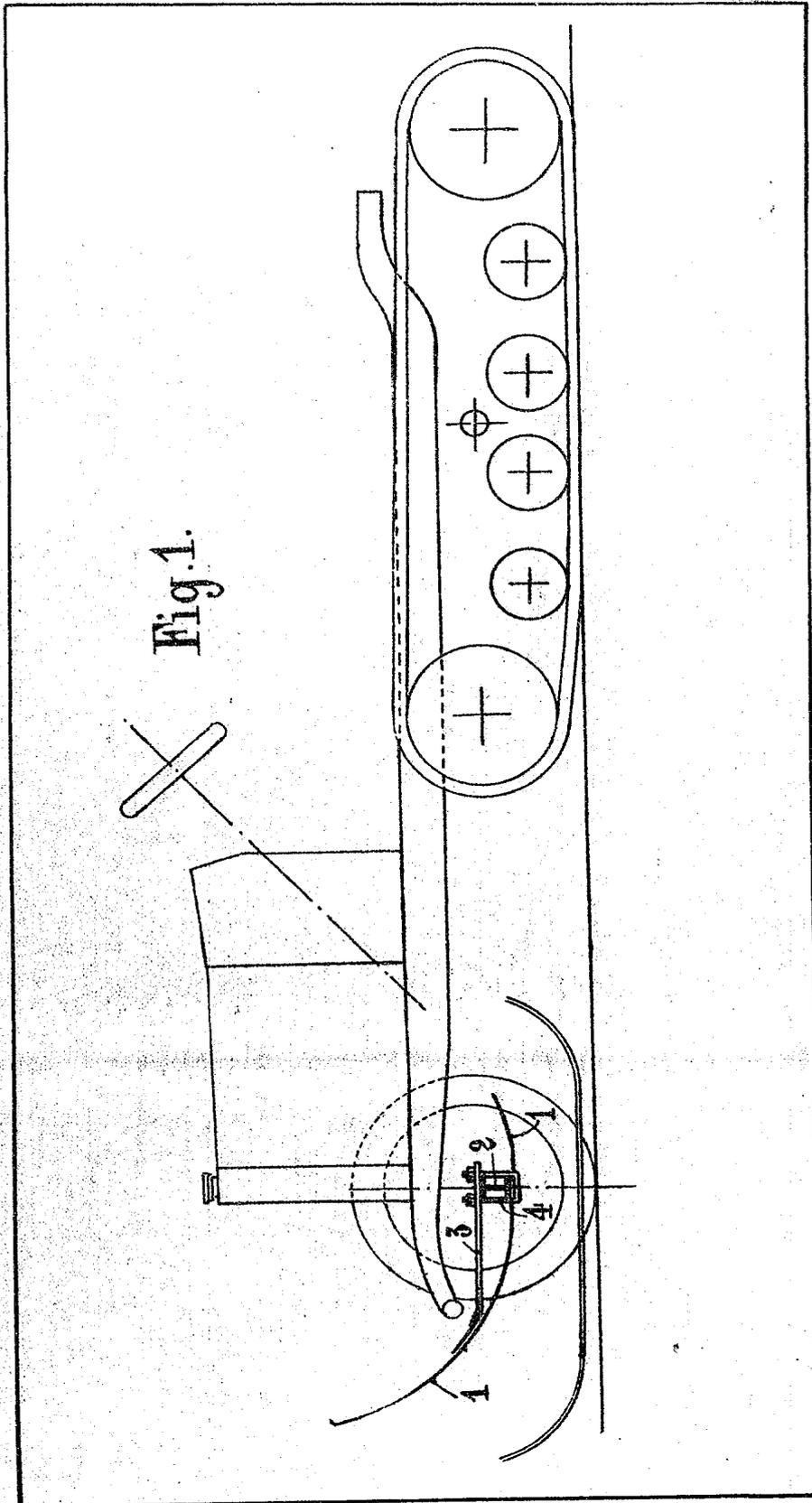


Fig. 1.

Certified to be the drawings referred to in
the specification hereunto annexed.-
MONTREAL, January 25th, 1929.

INVENTOR:

BY

ADOLPHE KEGRESSE.
Maxime Marcier
Attorneys.

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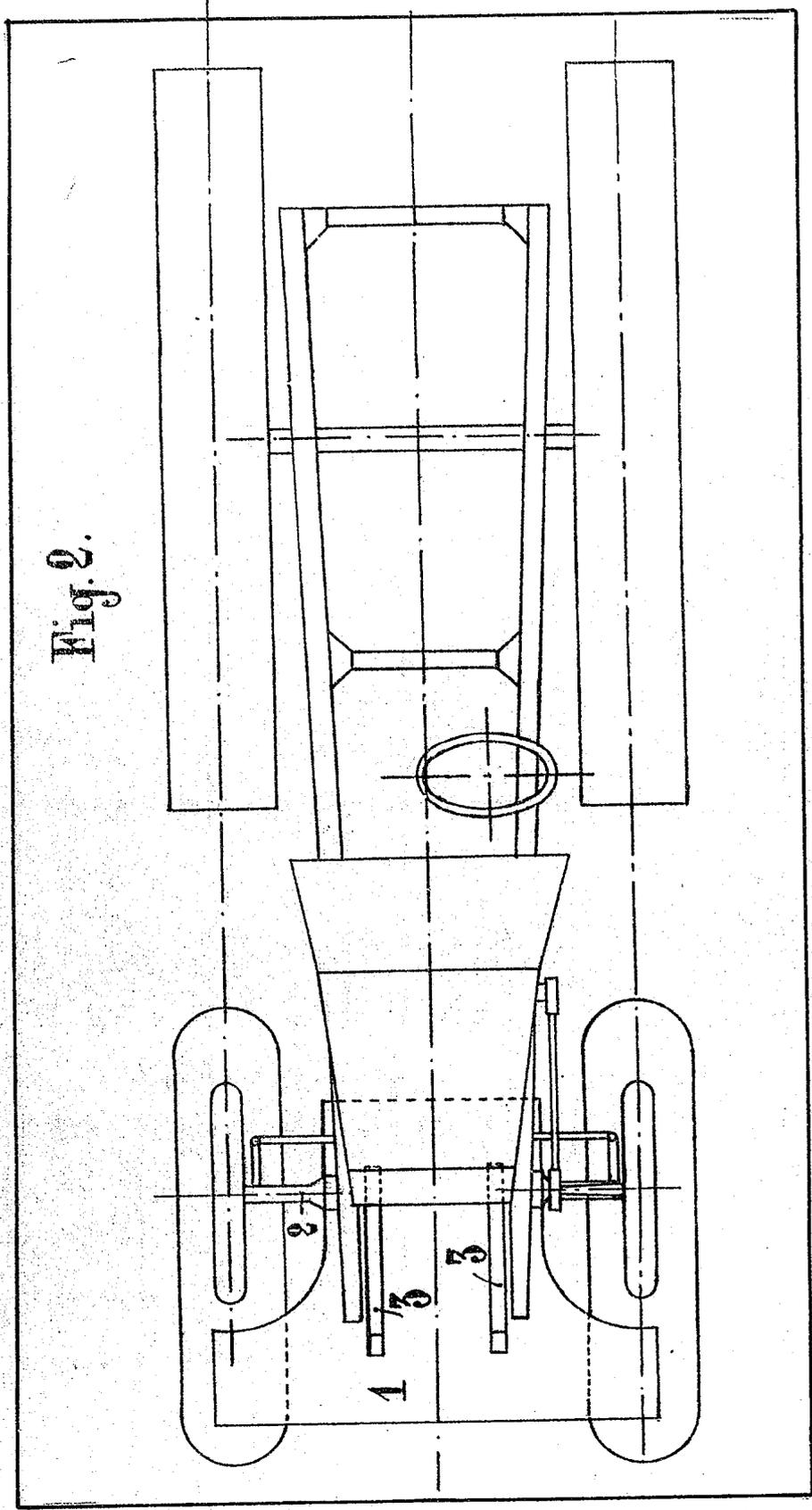


Fig. 2.

Certified to be the drawings referred to in the specification hereunto annexed.-
MONTREAL, January 25th, 1929.

INVENTOR:

ADOLPHE KEGRESSE.

BY
Maxime Maxion
Attorneys.