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(54) **MOTOR VEHICLE TRUCK**

(57) **Abstract:**

(54) **TRAIN DE VEHICULE-MOTEUR**

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THIS IS THE EXHIBIT MARKED  
ARRIVED TO IN THE AFFIDAVIT OF

*Adolphe Kerpene*

SWORN BEFORE ME THIS 9<sup>th</sup> DAY OF  
February 1930

*A. R. Joseph*

Notary Public  
District of Columbia



It is easily understood that it is of great

interest to realize an endless strip driving gear of reduced dimensions, and having, at the same time, as great a surface of contact with the ground as possible.

The present invention relates to a new combination of known devices, providing such endless strip gear.

Two embodiments of the invention are shown, by way of example, in the appended drawing.

Figure 1 is a diagrammatical elevational view of the device with a two roller bogie.

Figure 2 is a similar device, wherein the bogie is a one roller bogie.

Figure 3 is a plan view of the first device.

Throughout these figures, 1 represents the carrying axle of the vehicle part corresponding to the endless strip driving apparatus.

This axle 1 is secured to the frame in a known manner by means of two longitudinal springs 2 (figures 1 and 2).

Suitably shaped carrying equalizers 3 are adjustably mounted on each end of axle 1. These equalizers receive, at the end of their bigger arms, one of the supporting pulleys of the caterpillar 4 (figures 1, 2, 3), and at their other end an articulation 5 of the two roller bogie 6 (figures 1 and 3) or a single roller 7 (figure 2).

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The articulation point of the equalizers 3 on axle 1 is selected so that the load should conveniently be distributed between one of the supporting pulleys 4 of the endless strips and the roller or rollers 6 and 7.

A carrying arrangement is thus obtained having a maximum surface of contact with the ground responsive to an extremely reduced total length.

HAVING thus described my invention, I claim:-

1. In a truck having endless belt driving means, a carrying axle, elastic means securing said axle to a frame, pulleys supporting the endless belt, roller means adapted to receive a part of the load on the truck, and an equaliser at each end of the carrying axle for distributing the load between the belt pulleys and the roller means.

2. A truck as claimed in claim 1, wherein the roller means comprise a bogie having one or more rollers.

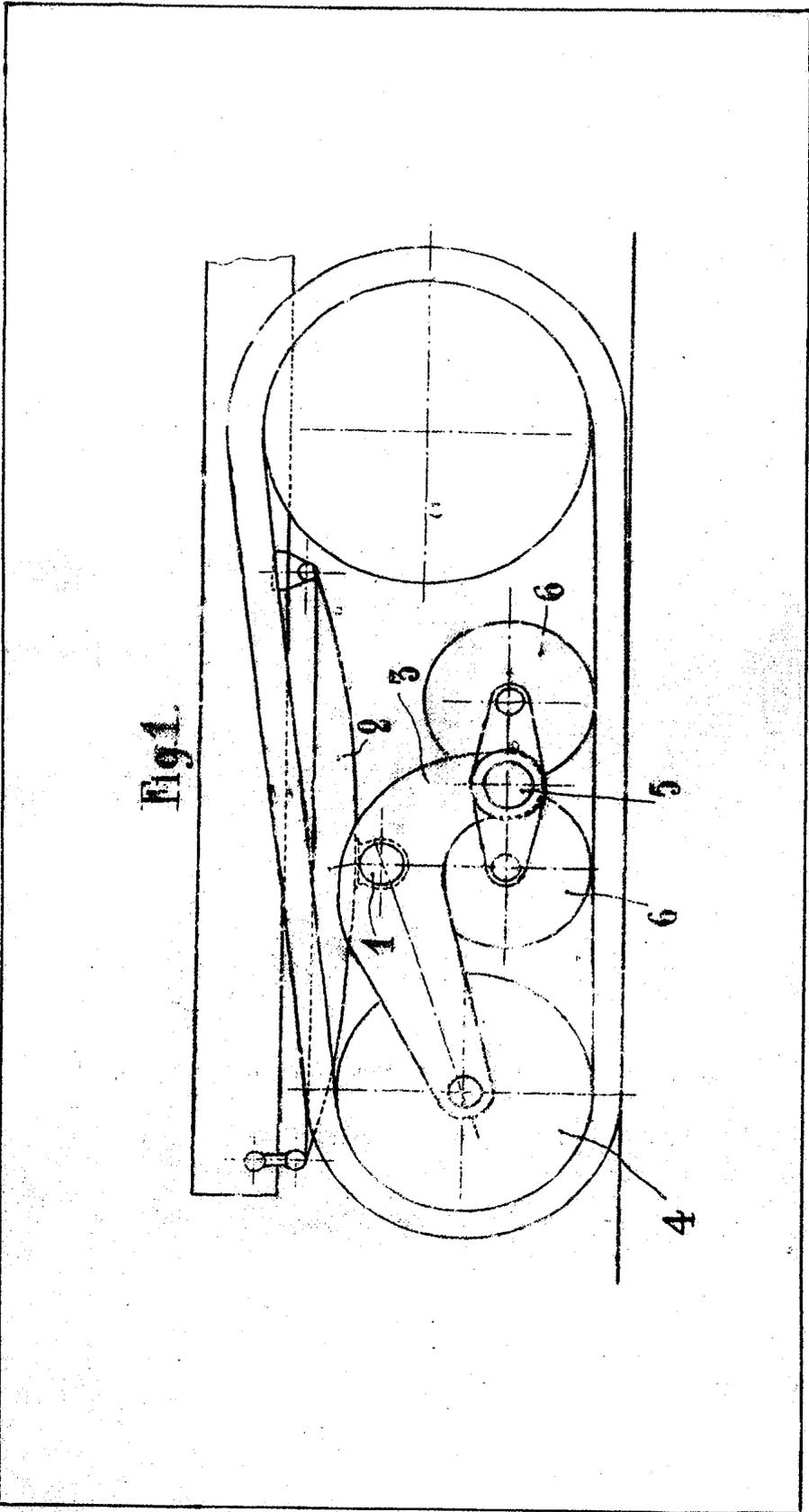


Fig 1.

Certified to be the drawings referred to  
in the specification hereunto annexed.  
MONTREAL, December 26, 1930.

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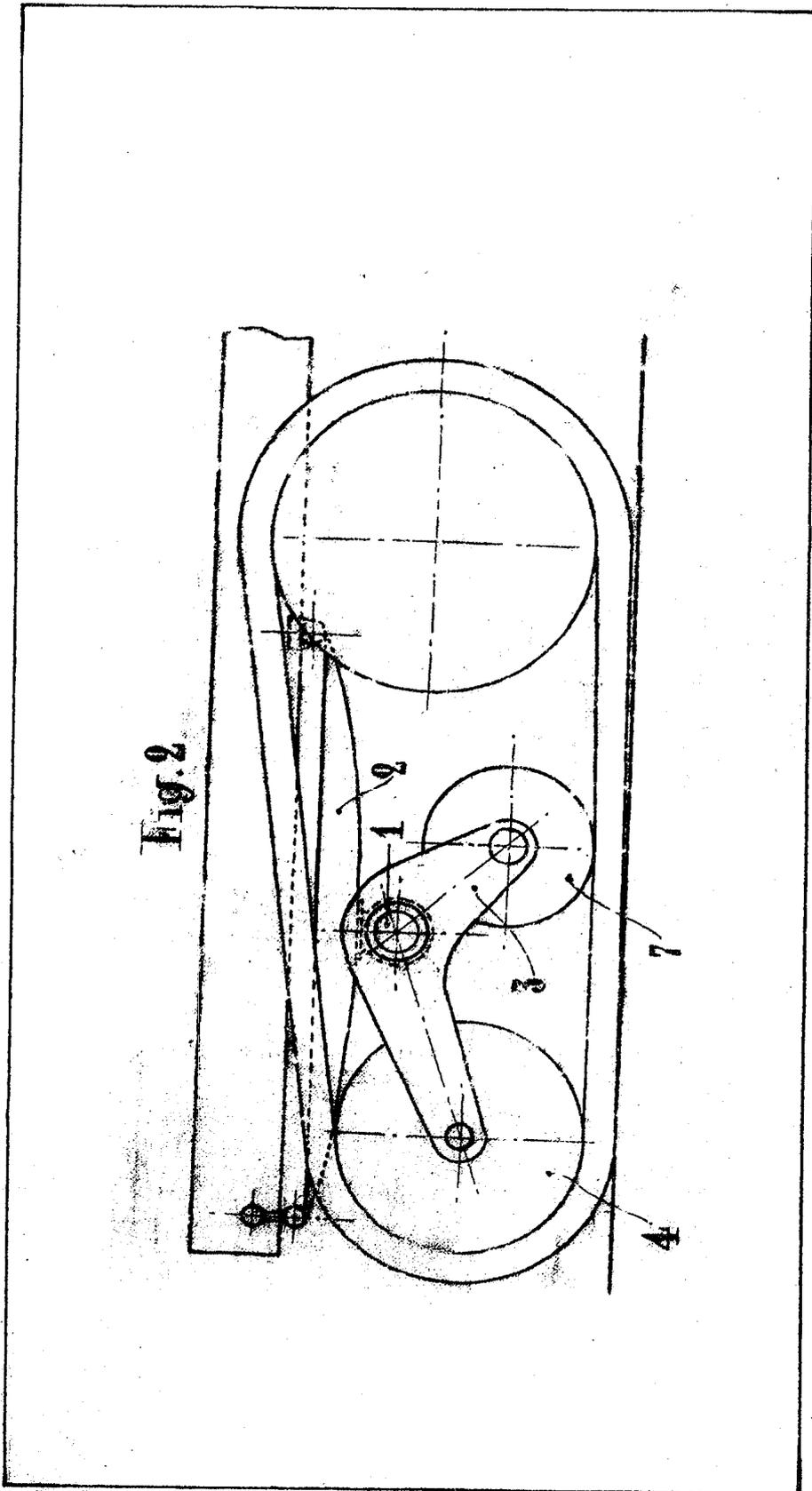


Fig. 2

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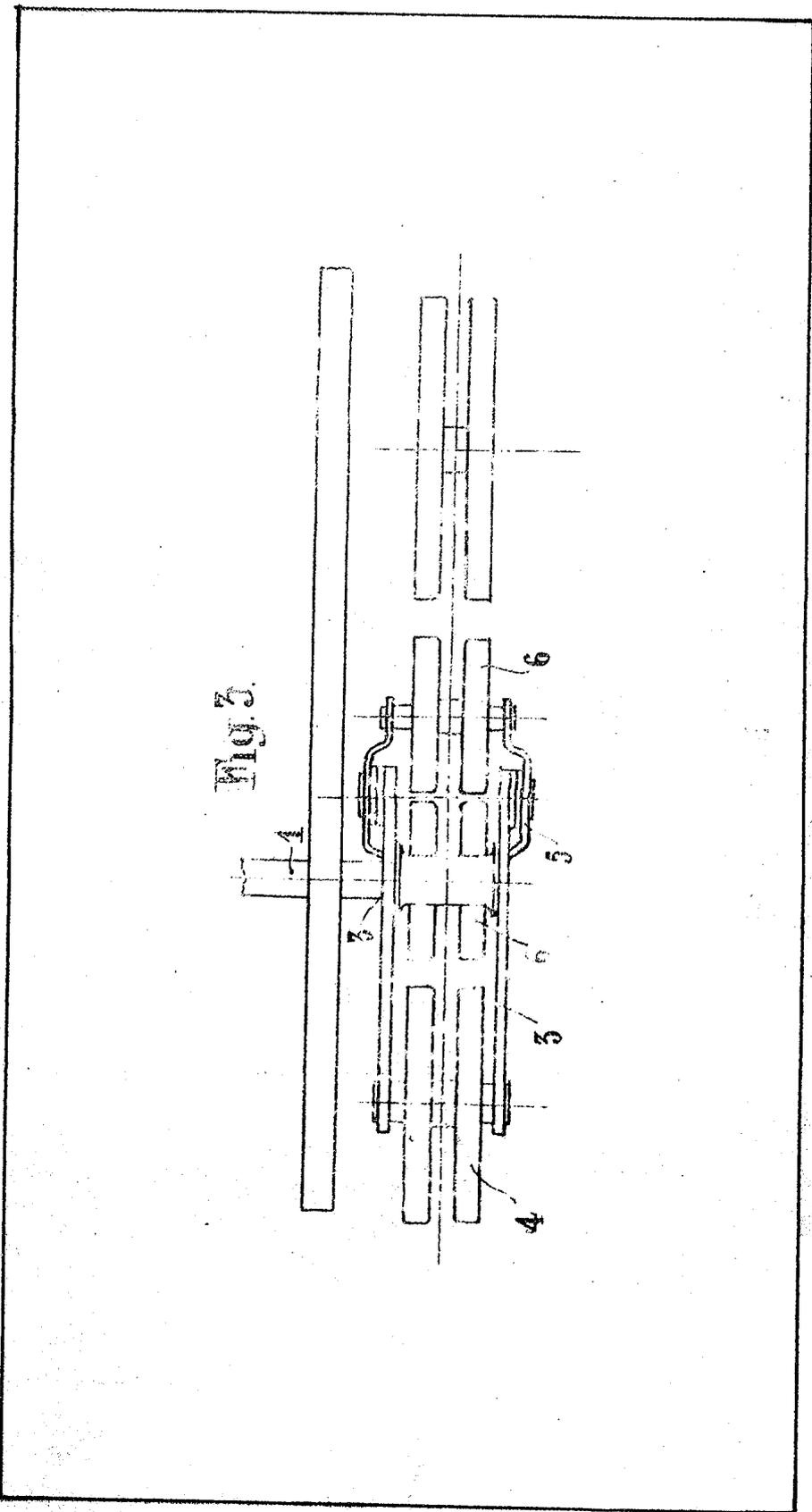
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