

# PATENT SPECIFICATION



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221,174

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## COMPLETE SPECIFICATION.

### Improvements in or relating to Endless Track Vehicles.

I, ADOLPHE KEGRESSE, of 53, rue Balard, Paris, France, a citizen of the French Republic, 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:—

With vehicles propelled by endless metal tracks, the practice, in order to increase the grip on slippery ground, is to use creepers or spikes secured by means of bolts or screws directly to the treads of the endless tracks.

In order to be fitted with such creepers, endless tracks made of some tough material, such as rubberized linen, for instance, require holes for letting the bolts through, and these holes are hardly permissible owing to the serious drawbacks which they involve, that is to say, weakening of the tread, inadequate hardness of the material serving as a base *etc. etc.*

The object of the present invention is to provide a creeper device for treads of endless track vehicles, and, in order that the invention may be clearly understood reference may be had to the following description and the accompanying drawings, in which:

Figure 1 is an elevation of a device designed according to this invention,

Figure 2 is a plan view of the same, and

Figure 3 is a section along the line A—B of Figure 2.

According to the invention the creeper made of thin steel carries a base 1 (Figures 1, 2 and 3) which fits exactly on the outer ribs of the tread of the endless track while it protrudes on either side of the latter, and thus affords a strong

base to the gripping ribs 2 in one piece with the base 1.

The creeper is secured by two lugs 3 (Figures 1 and 3) which, by means of pins and nuts 4, pinch or clamp the endless track between themselves and the base 1. These lugs 3 are each bevelled on their outer face so as to ensure continuous rotation of the rollers on the inner face of the endless track. Each of the lugs 3 has its outer end terminated by a projection 5 (Figures 1 and 2) which fits into an opening provided for this purpose in the base 1 so as to prevent the lug from rotating.

The design of the endless tracks tread may be varied without altering the essentials of the invention in any way.

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 creeper for endless track vehicles characterized by a base made of thin steel and provided with gripping ribs, said base fitting exactly on the ribs of the tread of the endless track and protruding on either side of the latter, thereby affording a strong base for the aforesaid gripping ribs, a suitable device being provided for securing the creeper to the endless track.

2. A creeper according to Claim 1, characterised by securing lugs that clamp or pinch the endless track between themselves and the base by means of pins and nuts.

3. A creeper according to Claim 2, characterised by lugs bevelled on their outer faces so as to ensure continuous

- rolling of the rollers on the inner face of the endless track, each of such lugs having one end terminated by a projection which fits into an opening made in the base for the purpose of preventing rotation. 5
4. The creeper for endless track vehicles, substantially as described or substantially as illustrated in the accompanying drawings. 10
- Dated this 7th day of July, 1924.  
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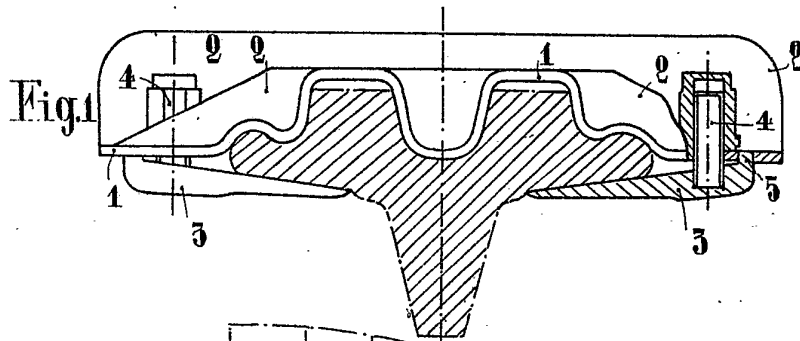


Fig. 2

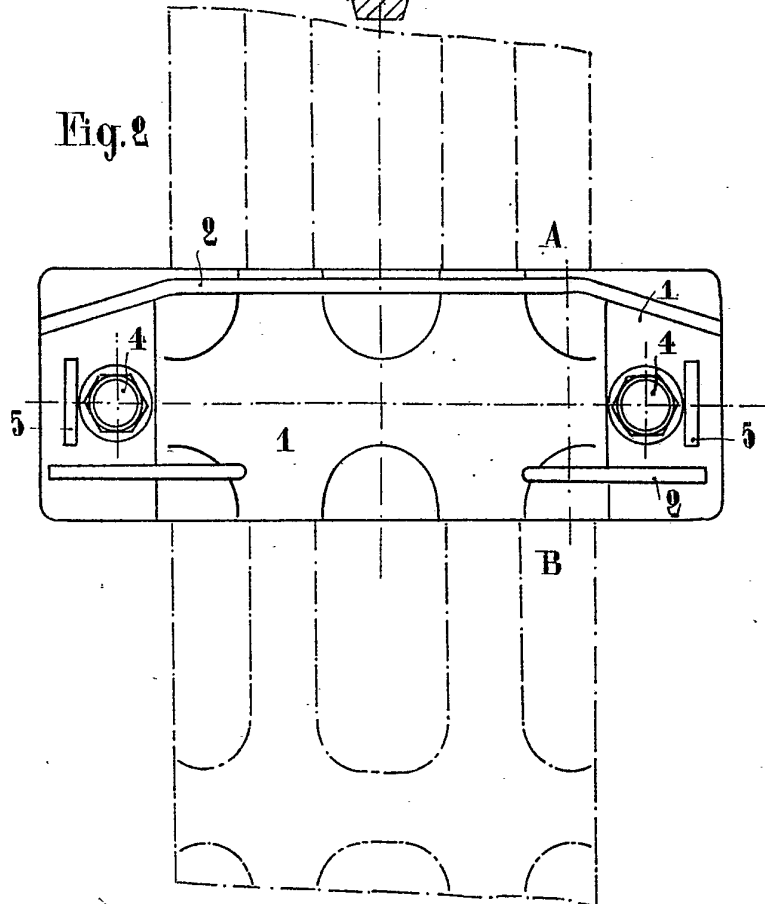


Fig. 3

