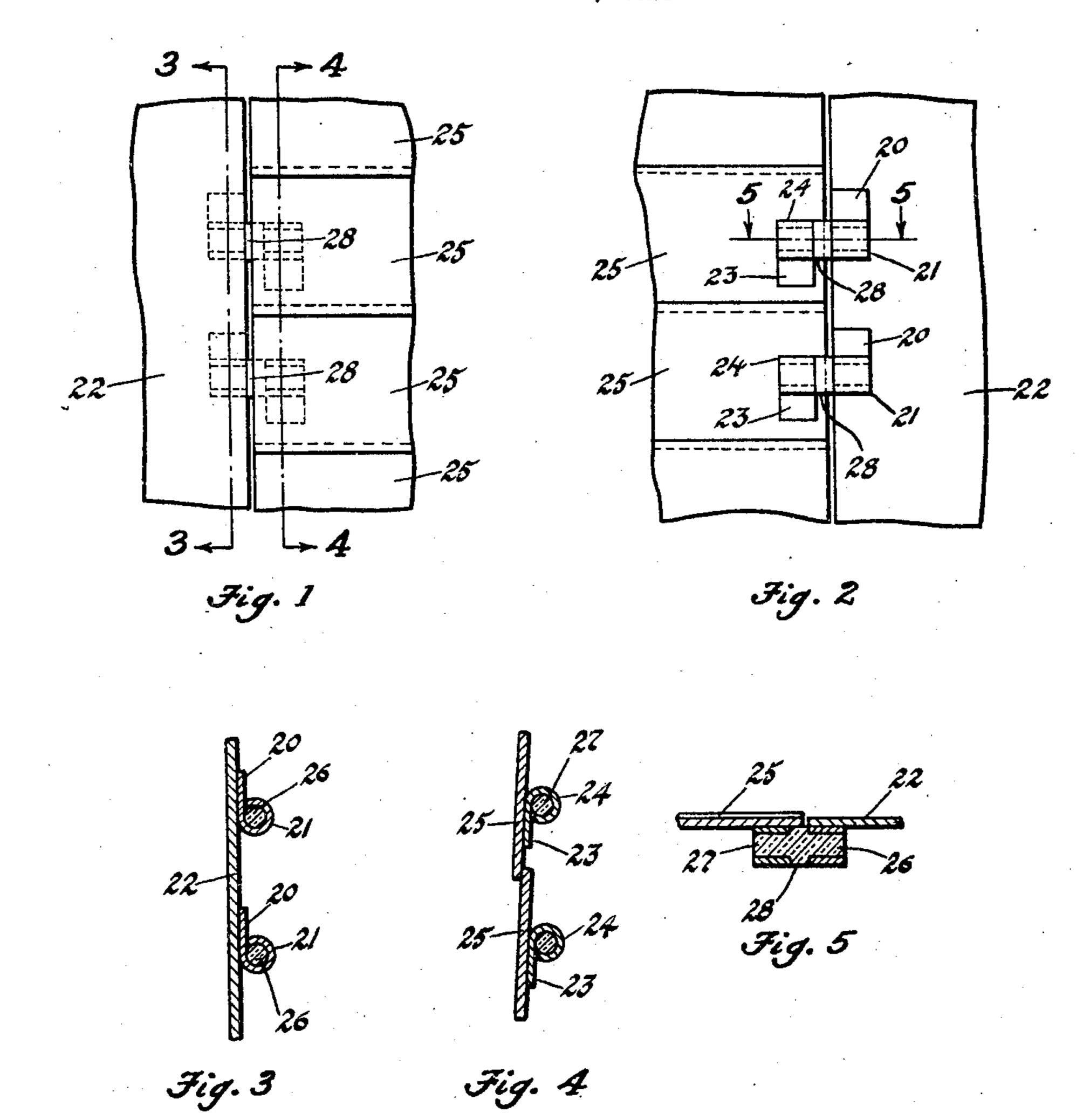
C. R. SHORT

HINGE

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UNITED STATES PATENT OFFICE.

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HINGE.

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hicles.

tion is to provide a hinge that will not rat-suitable apparatus, not shown, they will tle or squeak.

10 or sticking up of the hinge due to such cor- 22 and the said rotating shutters 25 to which rosion.

15 to the accompanying drawings, wherein a positions, which normally is open, the porclearly shown.

In the drawings:

20 ator shutter for motor vehicles, the greater not take place where rubber is used and the lines;

taken from the opposite side;

30 line 5—5 of Fig. 2.

40 shank or end portions 26 and 27 of equal sions than the two ends anchored to said transverse dimensions, and in intermediate straps. rotatively anchored in their respective eye pintle like member. portions by cementing or otherwise. In testimony whereof I affix my signature.

In the present drawings the hinge is shown applied to a radiator shutter for

This invention relates to improvements in motor vehicles. Hinge strap 20 is secured hinges and more particularly such hinges to the shutter frame 22 which is stationary, as are used in connection with motor ve- while the strap 23 is secured to the shutter blade 25.

One of the objects of the present inven- When the blades 25 are operated by any rotate about the axis of their hinge pins. Another object is to provide a hinge that The pin being of a flexible character and will not corrode, thus, eliminating binding being interposed between a stationary frame 60 they are securely fastened, said pivot pins Further objects and advantages of the will be twisted. This twisting of the pivot present invention will be apparent from the pins distorts the portion 28. When the following description, reference being had shutters are again returned to their former 65 preferred form of the present invention is tion 28 of the pivot pin will also return to its normal, untwisted condition.

These rubber pins will practically elimi-Fig. 1 is a fragmentary view of a radi- nate rattles and squeaks. Corrosion will 70 portion of the hinges being shown in dotted twisting of the ruber will tend to keep the same alive and thus retard deterioation. Fig. 2 is a view similar to Fig. 1, but Any suitable flexible material may be used to construct the pivot members.

Fig. 3 is a fragmentary, sectional view While the form of embodiment of the taken along the line 3-3 of Fig. 1; invention as herein disclosed, constitutes a Fig. 4 is a view similar to Fig. 3, but preferred form, it is to be understood that taken along the line 4-4 of Fig. 1; and other forms might be adopted, all coming Fig. 5 is a detail section taken along the within the scope of the claims which follow. 80

What is claimed is as follows:

Referring to the drawings, the hinge is 1. A hinge, comprising in combination, a shown comprising a pair of hinge straps pair of hinge straps having eye portions in 20 and 23, each of which is provided with an axial alignment and spaced relation; a rubeye portion 21 and 24, respectively. ber pivot member flexible by torque, said 85 35 The pivot which connects these two straps pivot having reduced ends oppositely disto form a hinge having a flexible pivot may posed and anchored in the eye portions. be made of rubber or any other suitable of the hinge straps, the portion of the material, flexible by torsion. This pivot is said pivot member between said hinge in the form of a pin or pintle and comprises straps being of greater transverse dimen- 90

portion 28 of greater transverse dimensions 2. A hinge comprising two members than the two end portions 26 and 27. The united by a pintle like mass of elastic deend portion 26 is shown extending into the formable material which is non-rotatively 95 eye portion 21 of strap 20, while the end connected to the respective members, whereportion 27 extends into the eye portion 24 by relative rotative movement is effected of strap 23. Both end portions are non-solely through the torsional yield of the

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