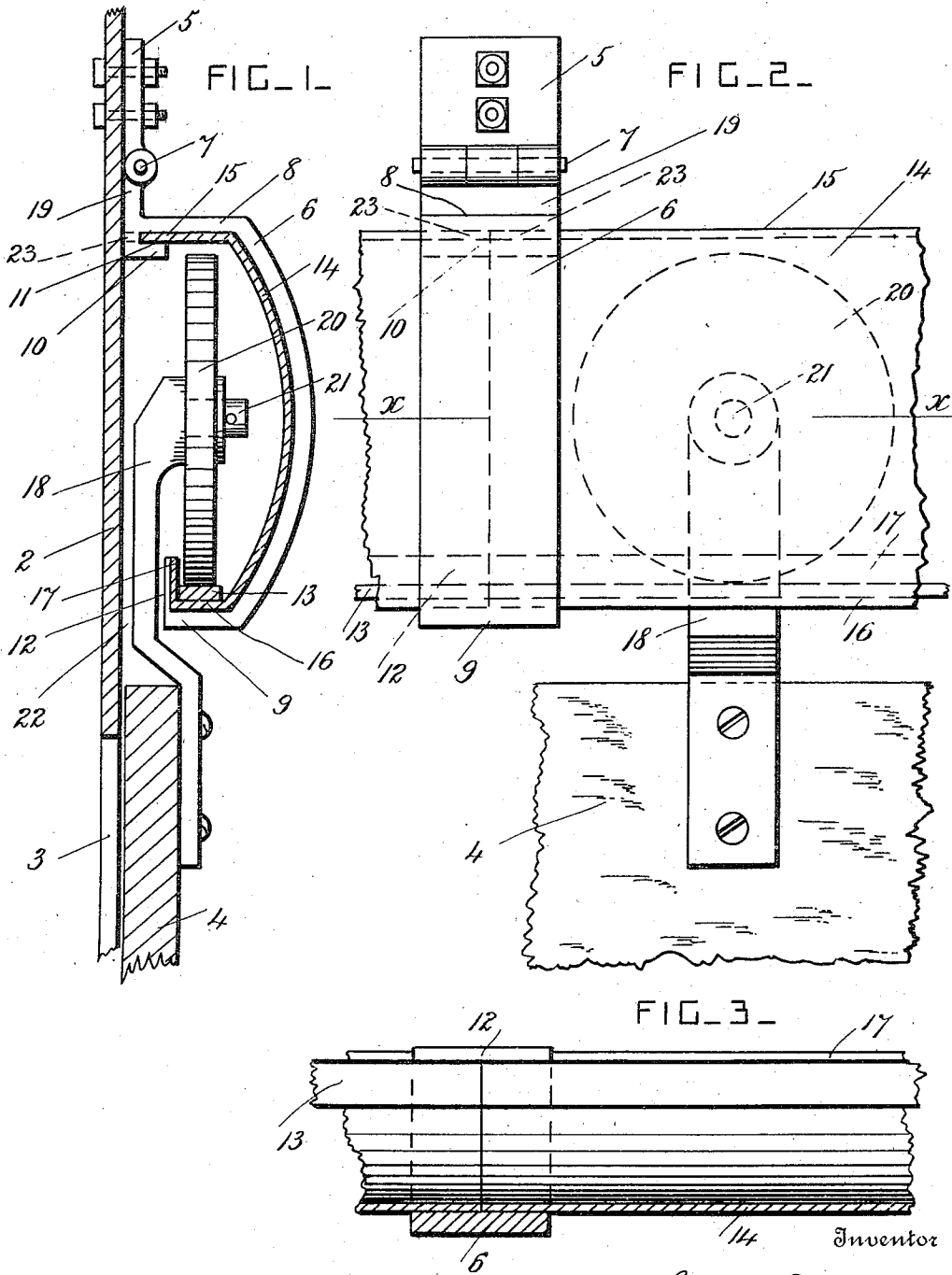


L. TRABUE.
DOOR HANGER.
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1,064,875.

Patented June 17, 1913.



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LUTHER TRABUE, OF GIRARD, ILLINOIS.

DOOR-HANGER.

1,064,875.

Specification of Letters Patent.

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REISSUED

To all whom it may concern:

Be it known that I, LUTHER TRABUE, a citizen of the United States, residing at Girard, in the county of Macoupin and State of Illinois, have invented certain new and useful Improvements in Door-Hangers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to hangers for slidable doors for barns, stables, and other similar buildings; and it consists in the novel construction and combination of the parts hereinafter fully described and claimed.

In the drawings, Figure 1 is an end view of a door hanger constructed according to this invention, showing the cover plate and track in section. Fig. 2 is a front view of the same. Fig. 3 is a sectional plan view of the cover and hanger bracket, taken on the line $x-x$ in Fig. 2.

The side 2 of the building, such as a barn or stable, has a door opening 3, and 4 is a portion of the door which is slidable over the opening 3. Similar hinge plates 5 are secured to the side 2 above the top of the door and at suitable intervals, and each hinge plate 5 has a hanger bracket 6 pivoted to it by a pin 7. Each bracket has a horizontal top portion 8, and a horizontal bottom portion 9. Each bracket has also a hinge plate or abutment plate 19 which is arranged vertically and crosswise of its top portion 8, and the hinge plate 9 has a horizontal tongue 10 at its lower end, and a guide channel 11 is formed between the tongue and the top portion 8. The bottom portion 9 has a vertical tongue 12 which projects upwardly from it.

A cover plate 14 is provided and is formed in sections of suitable length. The cover plate has a horizontal top portion or flange 15 which engages with the channel 11, and it has a horizontal track portion 16 which rests on the bottom portion 9 of the bracket. The track portion has an upwardly projecting flange 17 which is arranged in line with the tongue 12. The sections of the cover

plate are arranged with their joints opposite one of the brackets, and the end portions of their flanges 17 are cut away as shown in Fig. 3 so as to fit against the tongue 12. A track bar 13 can be secured in the track portion if desired, but it can be omitted if the plate is strong enough without it.

The door 4 has similar arms 18 secured to it, and each arm has a small wheel 20 journaled on a pin 21 at its upper end. The hinge plates 19 abut against the side of the building, so that a narrow passage 22 is formed between the vertical flanges 17 of the track portion and the side of the building. The arms 18 slide in the passage 22, and the wheels run in the track portion 16 inside the cover plate.

The cover plate makes the device snow-proof and bird-proof, and the hanger can be constructed with very little expense and is not liable to stick or get out of order. The door can be moved pivotally of the hinge pin, in addition to being slid longitudinally. The flange 15 at the top of the cover plate bears against the side of the barn, and has notches 23 where it engages with the guide channels 11 of the brackets.

What I claim is:

1. In a door hanger, the combination, with a hanger bracket provided at its upper part with means for securing it against a building and having also a horizontal channel, said hanger bracket having also a vertical tongue at its lower part; of a cover plate supported by the said bracket and having a horizontal top portion which engages with the said channel, said cover plate having also a horizontal track portion at its lower part and a flange arranged in line with the said tongue; and an arm for supporting the door, said arm having a wheel which runs in the said track portion.

2. In a door hanger, the combination, with a stationary hinge plate, and a hanger bracket pivoted to the hinge plate and provided at its upper part with a horizontal channel and means for holding it in position, said hanger bracket having also a vertical tongue at its lower part; of a cover plate supported by the said bracket and hav-

ing a horizontal top portion which engages
with the said channel, said cover plate hav-
ing also a horizontal track portion at its
lower part and a flange arranged in line
5 with the said tongue, and an arm for sup-
porting the door, said arm having a wheel
which runs in the said track portion.

In testimony whereof I have affixed my
signature in the presence of two witnesses.

LUTHER TRABUE.

Witnesses:

E. A. GIBSON,
ANNA CASWELL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."