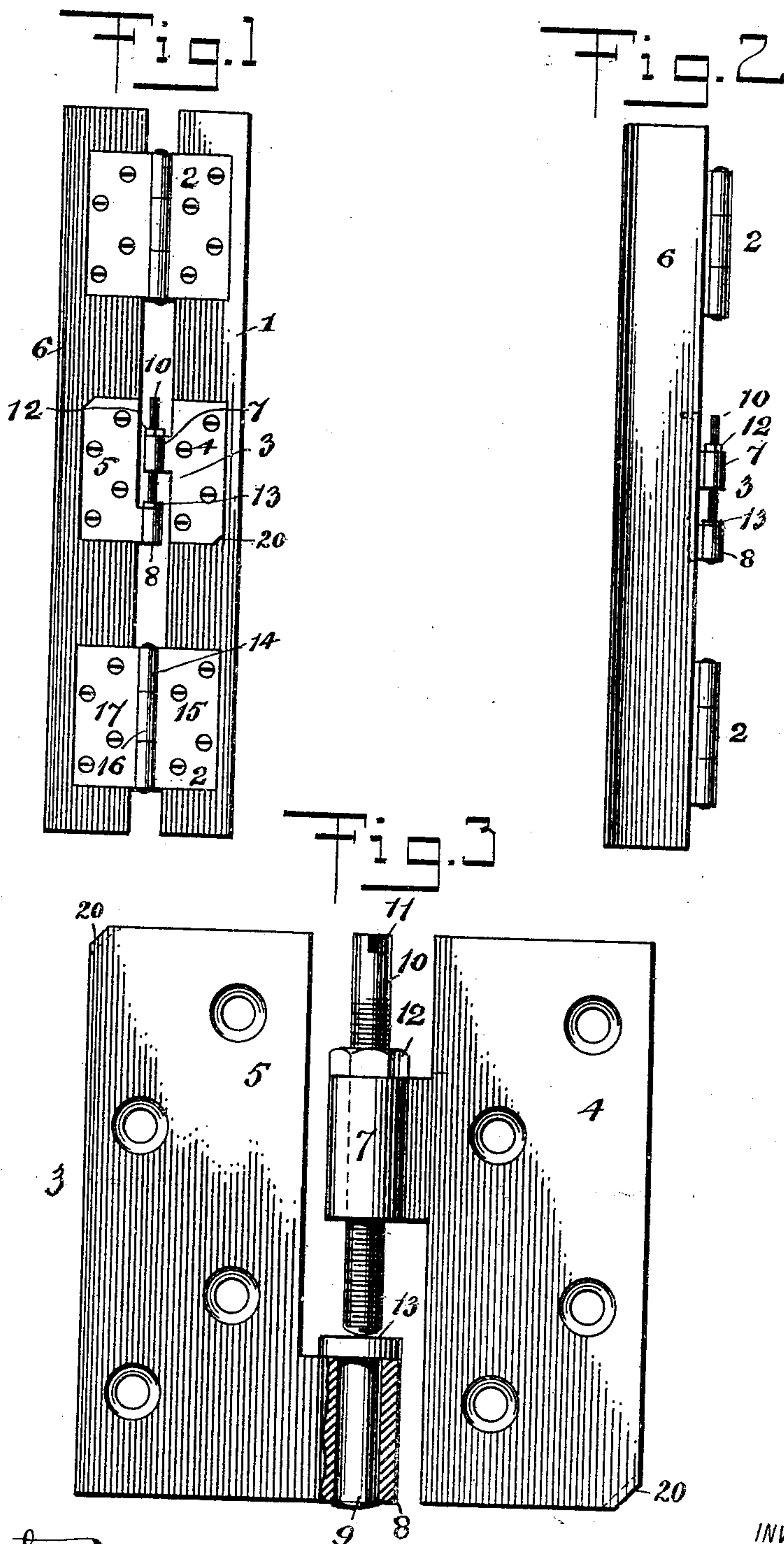


C. LEHMAN.
 ANTISAGGING DEVICE FOR DOORS.
 APPLICATION FILED APR. 19, 1909.

929,958.

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WITNESSES
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ANTISAGGING DEVICE FOR DOORS.

No. 929,958.

Specification of Letters Patent.

Patented Aug. 3, 1909.

Application filed April 19, 1909. Serial No. 490,694.

To all whom it may concern:

Be it known that I, CHRISTIAN LEHMAN, a citizen of the United States, and a resident of Elgin, in the county of Fayette and State of Iowa, have invented a new and Improved Antisagging Device for Doors, of which the following is a full, clear, and exact description.

My invention relates to anti-sagging device for doors, and it has for its object to provide one which may be manufactured at little expense, and which is adapted to lift the door to a normal position after the wearing of the hinges causes it to drop out of normal position, the support being so constructed that it is certain of operation although the pintles of the hinges are out of alinement.

Still other objects of the invention will appear in the following complete description.

In this specification I will describe the preferred form of my invention, it being understood that the scope of the invention is defined in the appended claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a front elevation of a door and its connections showing the application of my door support; Fig. 2 is a similar view, but with one set of leaves of the hinges and door support disposed parallel with the other set; and Fig. 3 is an enlarged view of my door support.

Referring to the drawings it will be seen that the door 1 is mounted on the usual hinges 2, and that in addition a door support 3 is provided, which is preferably disposed between the hinges 2. One leaf 4 of the door support is screwed or is secured by other means to the door 1, and the other leaf 5 of the door support is secured to the door-jamb 6. The leaves 4 and 5 have knuckles 7 and 8 respectively, each of these knuckles having a bore therein, there being a pin 9 disposed in the orifice in the lower projection 8. The upper knuckle 7 has a threaded orifice and a pintle 10 having a screw thread thereon, is disposed in the said bore in the knuckle 7, the screw thread on the pintle meshing with the screw thread in the bore. The pintle 10 has a transverse cut 11 at its upper terminal to permit it to be turned relatively to the

knuckle 7, so that it may be adjusted relatively thereto. By means of a lock nut 12 the pintle 10 may be held in position relatively to the knuckle 7.

When using my invention, the leaves 4 and 5 of the support 3 are secured to the door and door jamb respectively, and when the hinges wear, causing the door to drop out of its normal position, the nut lock is freed and the pintle 10 is then turned relatively to the knuckle 7, so that its lower terminal presses against the head 13 of the pin 9, thereby lifting the knuckle 7, the leaf 4 and the door to which the leaf 4 is secured. The hinges 2, of the usual type, serve their usual purpose in holding the door in its normal lateral position, but the weight of the door is supported by my device when the pintle 10 is secured so that its lower terminal, which engages the head 13 of the pin 9, is lowered to lift the knuckle 7 and the leaf 4 sufficiently to raise the door 1 so that the knuckles 14 on the hinge leaves 15 on the door 1 are raised relatively to the knuckles 16 of the hinge leaves 17 on the jamb 6.

It will be understood that no matter what condition the hinges may be in, my door hanger will serve the purpose for which it was devised, inasmuch as the pintle 10 is adapted to engage the head 13 of the pin 9 at any angle, and when so engaged is adapted to raise the knuckle 7 relatively to the head 13 when the pintle is rotated. This is true, although the pintles in the hinges 2 are out of alinement.

The upper left hand corner of one leaf and the lower right hand corner of the other leaf are bent over, as at 20, to form pointed flanges, which will be forced into the wood when the door support is secured in position.

Having thus described my invention I claim as new and desire to secure by Letters Patent:

1. In an anti-sagging device for doors, two leaves, each having a knuckle, there being a threaded bore in one of the knuckles and there being a substantially flat head above the other knuckle, and a screw disposed in the threaded bore adapted to engage the flat head.

2. In an anti-sagging device for doors, two leaves, each having a knuckle, there being a bore in each of the knuckles, a pintle dis-

posed in one of the bores, means to hold the pintle relatively to the knuckle in the bore in which it is disposed, and a pin disposed in the other bore, the pin having a substantially flat
ε head disposed above the knuckle having the last named bore with which the pintle is adapted to engage.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHRISTIAN LEHMAN.

Witnesses:

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