

C. HITZL.
SLIDING DOOR CATCH.
APPLICATION FILED MAY 23, 1912.

1,064,326.

Patented June 10, 1913.

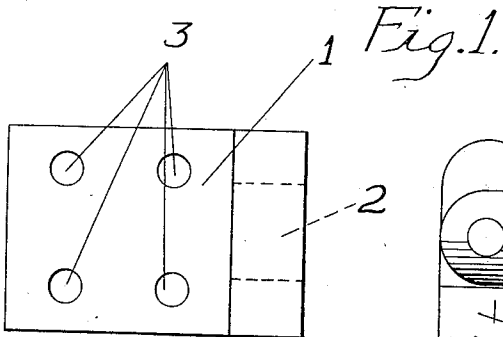
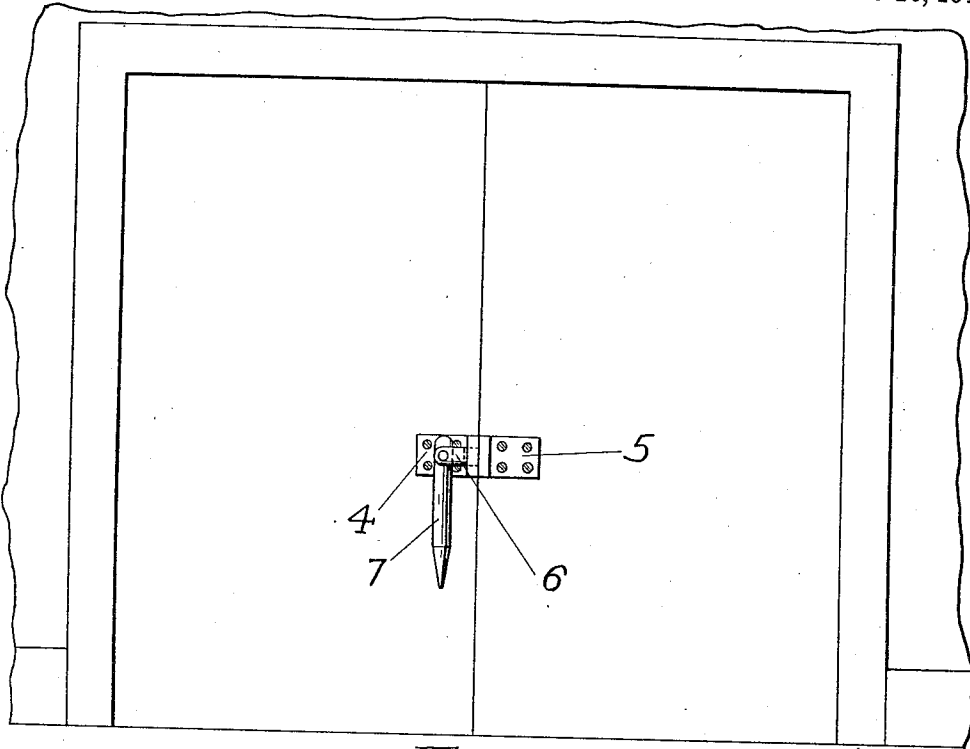


Fig. 2.

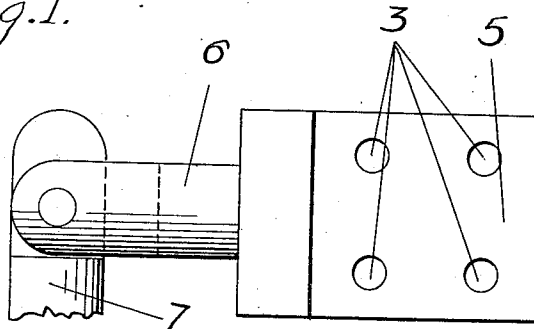


Fig. 3.

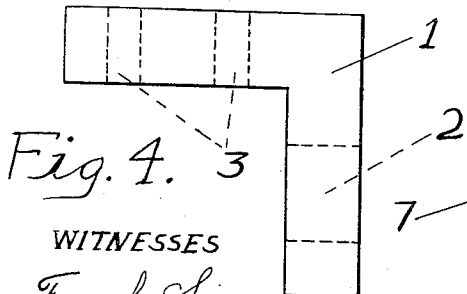


Fig. 4.

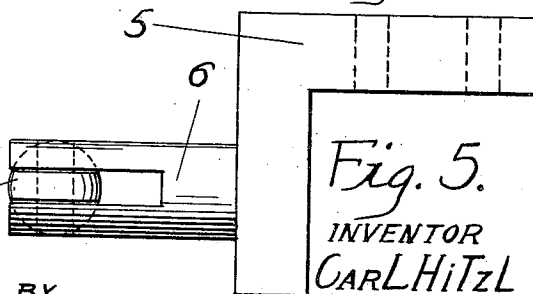


Fig. 5.

WITNESSES
Frank Simney.
A. H. Kephart.

BY

Carlos P. Griffin
HIS ATTORNEY

UNITED STATES PATENT OFFICE.

CARL HITZL, OF TARPEY, CALIFORNIA.

SLIDING-DOOR CATCH.

1,064,326.

Specification of Letters Patent.

Patented June 10, 1913.

Application filed May 23, 1912. Serial No. 699,327.

To all whom it may concern:

Be it known that I, CARL HITZL, a citizen of the United States, residing at Tarpey, in the county of Fresno and State of California, have invented a new and useful Sliding-Door Catch, of which the following is a specification in such full and clear terms as will enable those skilled in the art to construct and use the same.

10 This invention relates to a catch for sliding doors and its object is to produce a catch which cannot be accidentally closed upon the shutting of the doors and which is very simple and easy to operate.

15 In the drawings in which the same numeral of reference is applied to the same portion throughout the several views, Figure 1 is a side elevation of a pair of doors having the catch applied thereto. Fig. 2 is a front elevation of one of the locking plates. Fig. 3 is a front elevation of the bolt carrying plate. Fig. 4 is a plan view of the plate shown in Fig. 2, and Fig. 5 is a plan view of the plate shown in Fig. 3.

25 The catch comprises an L shaped plate 1, in which is formed an opening 2 and screw holes 3 to such an extent as may be necessary. This plate may be secured either to a door jamb or door, as indicated in Fig. 1 at 4. On the door there is a small L shaped plate 5, which plate is provided with a projecting arm 6, which arm has a bolt 7 pivoted thereto. This bolt is long enough to enable the person closing the door to readily insert the same through the opening 2 in the plate 1, and after the same is inserted therethrough the bolt 7 is dropped down to the position shown in Fig. 1, thus prevent-

ing the doors from being opened. Should it be desired to lock the doors shut, all that is necessary to put a padlock on the post 6 after the bolt 7 has been dropped down, thus preventing said bolt 7 from being again turned around to such a position as to pass back through the hole 2.

45 This device is especially useful for sliding doors or gates where the two parts of the catch are liable to get out of line, since the bolt 7 furnishes the means whereby the two parts may be readily forced into line, the leverage of the bolt 7 assisting in pulling the two catch plates together.

Having thus described my invention what I claim as new and desire to secure by Letters Patent of the United States is as follows:

A catch for sliding doors comprising a pair of L shaped plates, each of which has openings whereby it may be screwed to a door or post and one of which has an opening for a bolt, a post projecting from the other plate and adapted to pass through the bolt opening in the first plate, and a pivoted catch to prevent the plates from being separated, said catch extending above and below the post when turned transversely thereto, substantially as described.

In testimony whereof I have hereunto set my hand this second day of May A. D. 1912, in the presence of the two subscribed witnesses.

CARL HITZL.

Witnesses:

A. R. MacKINNON,
J. E. CRISSMAN.

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