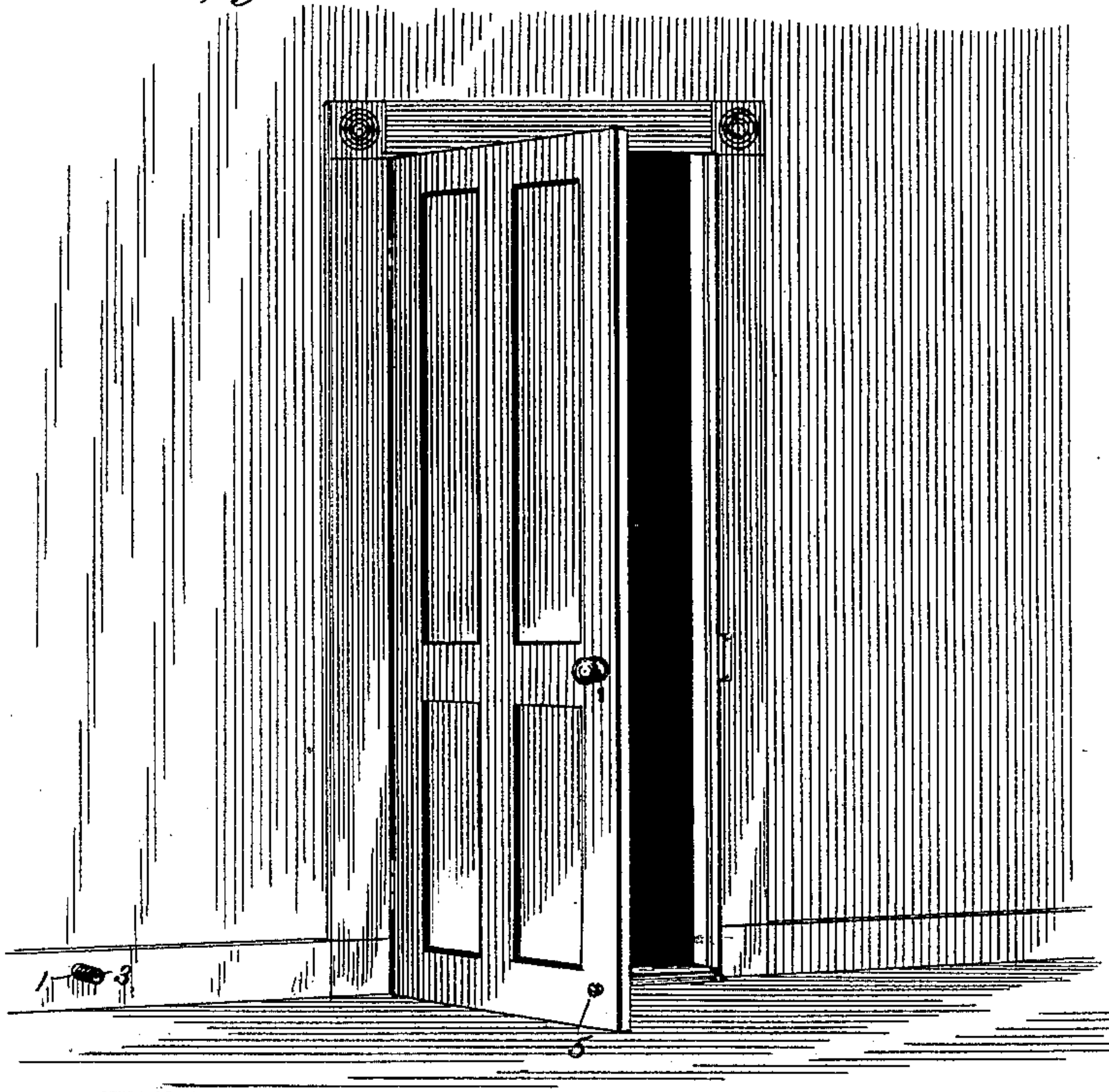


(No Model.)

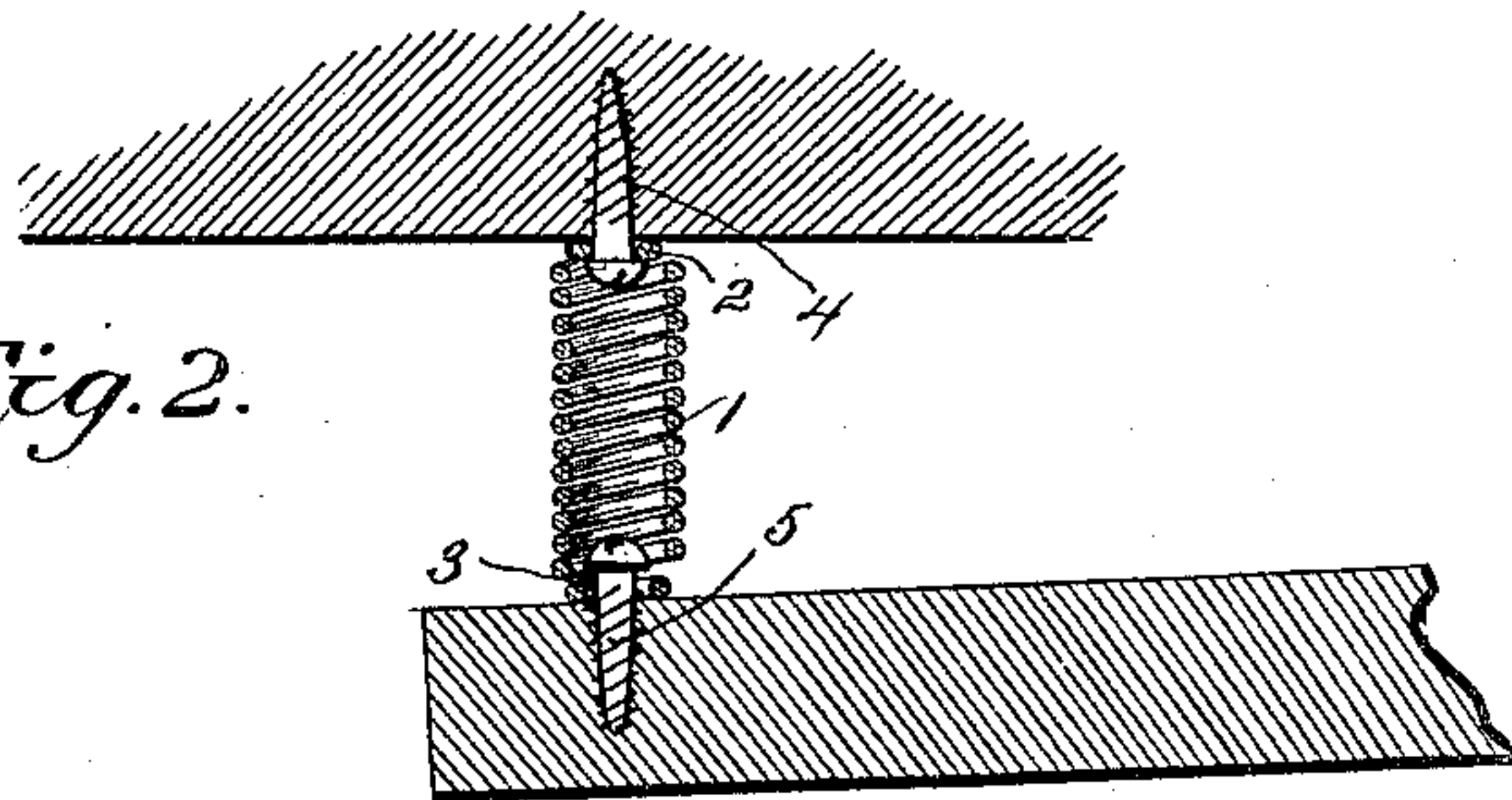
M. W. WIARD.  
DOOR CHECK.

No. 432,466. *Fig. 1.*

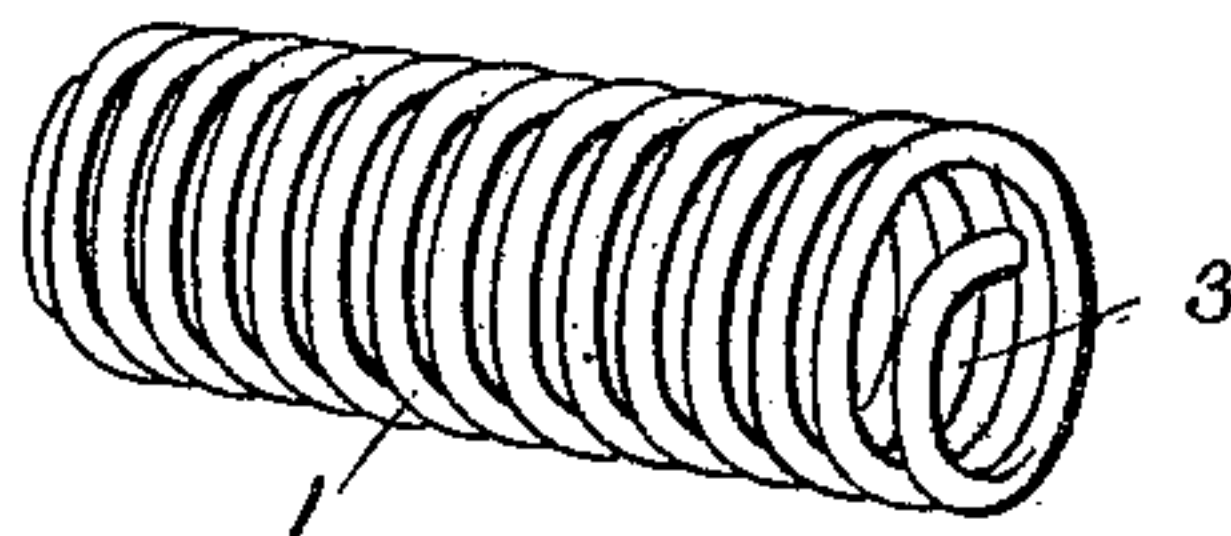
Patented July 15, 1890.



*Fig. 2.*



*Fig. 3.*



WITNESSES:  
*Fred G. Dieterich*  
*W. D. Blondel*

INVENTOR:  
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# UNITED STATES PATENT OFFICE.

MYRON W. WIARD, OF CONCORDIA, KANSAS, ASSIGNOR OF ONE-HALF TO  
JOHN BANKER, OF SAME PLACE.

## DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 432,466, dated July 15, 1890.

Application filed November 6, 1889. Serial No. 329,419. (No model.)

*To all whom it may concern:*

Be it known that I, MYRON W. WIARD, of Concordia, in the county of Cloud and State of Kansas, have invented a new and useful  
5 Improvement in Door Stops and Holders, of which the following is a specification.

My invention consists in a new and improved combined door stop and holder, which will be hereinafter fully described and claimed.  
10 Referring to the accompanying drawings, Figure 1 is a perspective view of my improvement as applied to use. Fig. 2 is a detail sectional view with the door shown in its closed position, and Fig. 3 is a detail perspective view  
15 of the spring.

The same numerals of reference indicate corresponding parts in all the figures.

Referring to the several parts by their designating-numerals, 1 indicates a heavy single  
20 coiled spiral spring. One end 2 of this spiral spring is coiled and flattened into a small ring, and a screw 4 passes through this small end of the spiral spring and secures it to the base-board or wherever most convenient. The  
25 coiled spring is thus firmly secured by the use of an ordinary screw by its inner end to the base-board, standing out horizontally from the same, as shown in the drawings.

The open outer end 3 of the spiral spring 1  
30 is contracted somewhat, as shown, but is left larger than the inner end. A screw 5, having a half-rounded head, is screwed into the door at the lower part of the same, in such a position that when the door is swung back against  
35 the spring the head of the screw 5 will strike the outer end of the spiral spring 1. The

outer open contracted end of the spiral spring is of such a size that when the rounded head of the door-screw 5 strikes it, it will just force its way in the said end, and will be held  
40 therein until the door is pulled shut by hand.

It will be seen from the foregoing that the spiral spring will stop the door gently, preventing any sudden jar of glass or plaster, and will not only easily stop the door, but  
45 will also hold it open.

My new and improved combined door check and holder is exceeding simple in construction and very durable, being formed of a single strong spiral spring and two ordinary  
50 screws, and can thus be manufactured at a very small cost. It can be applied to any swinging door.

Having thus described my invention, what I claim, and desire to secure by Letters Pat-  
55 ent, is—

1. The combination of a spiral spring having a contracted open end and a screw pressing through said end and securing the spring to the wall, whereby it is adapted to serve as  
60 a door-stop, as specified.

2. In a combination door stop and holder, the combination of the spiral spring 1, formed with the contracted open outer end 3 and the smaller contracted open inner end 2, the  
65 spring-securing screw 4, and the door-screw 5, substantially as set forth.

MYRON W. WIARD.

Witnesses:

WM. M. PECK,  
FRANK H. PARSONS.