

No. 825,840.

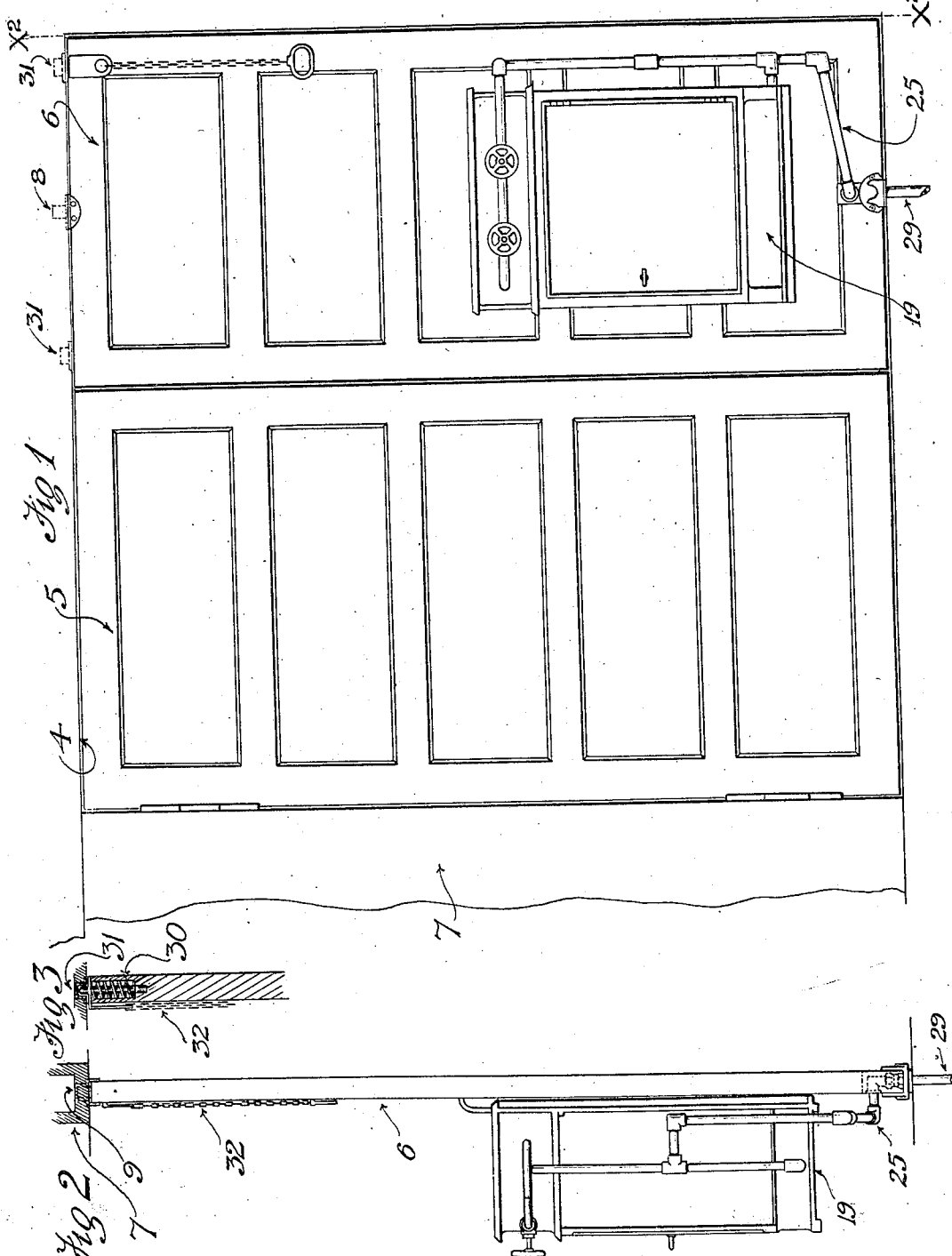
PATENTED JULY 10, 1906.

W. C. JAMES.

COMBINATION APARTMENT CLOSURE AND STOVE FIXTURE.

APPLICATION FILED SEPT. 17, 1904.

2 SHEETS—SHEET 1.



Witnesses
A. P. Knight

Inventor
Willard C. James
by Townsend Bros. His Attys

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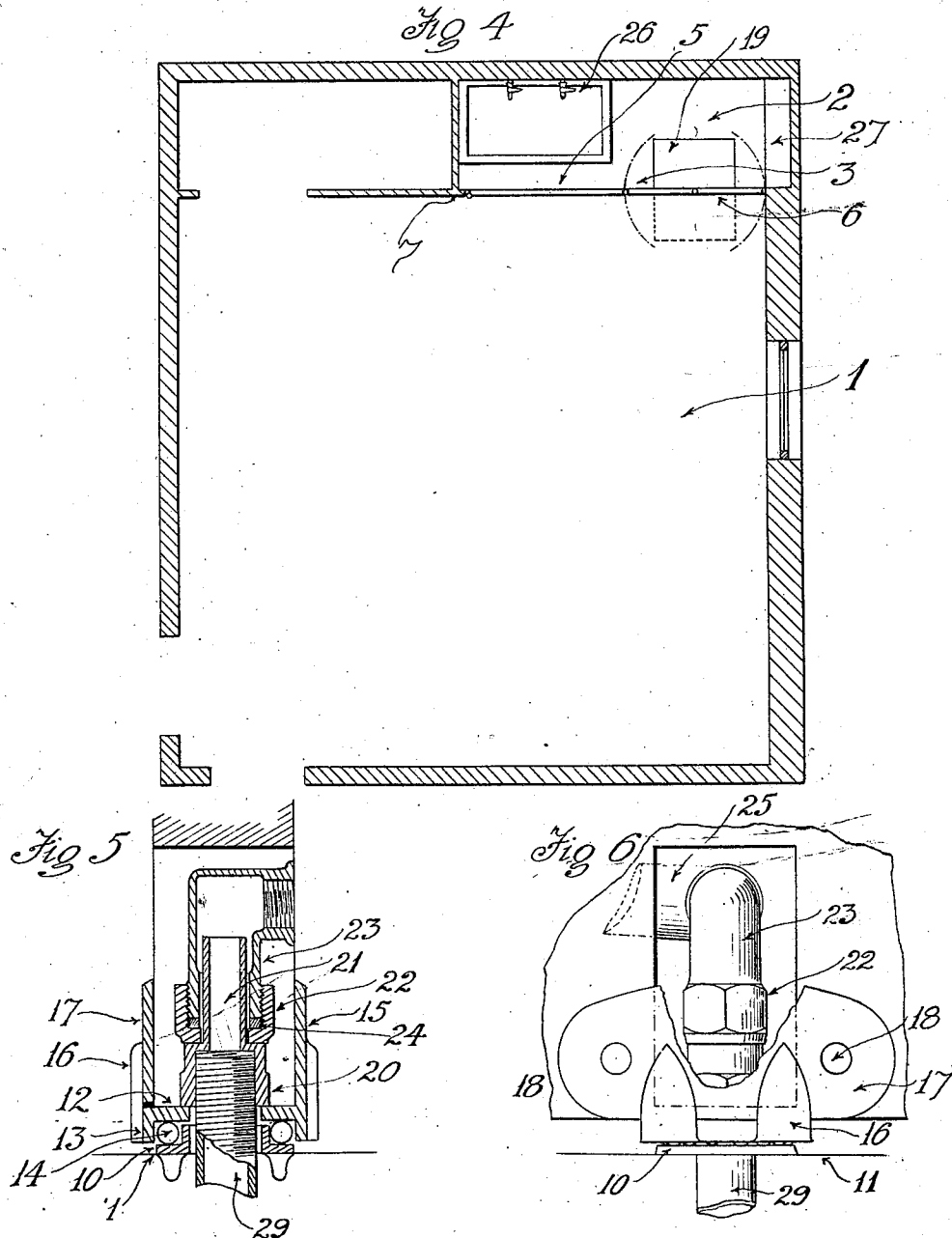
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James
A. P. Wright

Inventor
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His Attys

UNITED STATES PATENT OFFICE.

WILLARD C. JAMES, OF LOS ANGELES, CALIFORNIA

COMBINATION APARTMENT-CLOSURE AND STOVE-FIXTURE.

No. 825,840.

Specification of Letters Patent.

Patented July 10, 1906.

Application filed September 17, 1904. Serial No. 224,928.

To all whom it may concern:

Be it known that I, WILLARD C. JAMES, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Combination Apartment-Closure and Stove-Fixture, of which the following is a specification.

The present invention relates more particularly to apartment constructions such as shown in my Patent No. 756,371, dated April 5, 1904, wherein two communicating apartments are provided with an intervening door or closure whereon is mounted a gas-stove in such manner that the stove may be swung into either apartment.

The main object of the present invention is to so construct the closure and stove-support that when the stove is brought into either apartment said support will serve as a closure between the apartments. For this purpose the said support and closure is formed as a door pivotally mounted to swing on a vertical axis midway of its width, so that it can be turned completely around, bringing the stove, which is supported on one side thereof, into either one of the apartments at will. In connection with such a closure and stove-support I prefer to provide a door, swinging at the side of said closure, serving to enable communication between the apartments and also to give access to the reversible stove-support for operation thereof.

The invention is particularly intended for use in connection with gas-stoves, the support being provided with means for the proper supply of fuel to said stove.

The invention is further particularly intended for use in apartments such as described in the aforesaid patent, wherein a smaller apartment or compartment serving as a kitchen and pantry opens out of a larger apartment, which serves as a dining-room and, if desired, for other purposes.

An important object of my invention in this connection is to provide closure means which will serve as a screen between the apartments, so that the kitchen utensils and conveniences will be hidden from the main apartment both when the stove is in the kitchen apartment and when it is in the main apartment.

A further object of the invention is to provide means for supporting the stove in such manner that it may be brought completely into either apartment, so as to serve, for ex-

ample, for cooking in the kitchen apartment or for heating the main apartment while maintaining complete closure between the apartments.

Another object of the invention is to enable the stove-support to be used to transfer the food from the kitchen to the dining-room after cooking and also to enable the stove to be used for light cooking in the dining-room while shutting off the kitchen.

The accompanying drawings illustrate the invention.

Figure 1 is a side elevation looking from the main apartment toward the door and combined closure and stove-support. Fig. 2 is a section on line x^2x^2 in Fig. 1. Fig. 3 is a detail section of the spring-lock for the closure. Fig. 4 is a diagrammatic plan of the two apartments. Fig. 5 is a vertical section of the means for pivotally supporting the swinging closure and stove-support and supplying fuel thereto. Fig. 6 is a partly broken side elevation of the parts shown in Fig. 5.

Referring to Fig. 4, 1 designates the main apartment, which may be assumed to be a dining-room or combination dining-room, living-room, and bed-room, as set forth in my said patent, and 2 designates a minor apartment or compartment at one side of apartment 1 and adapted to be used as a kitchen and pantry. The wall 3 between said apartments is provided with an opening 4, through which said apartments communicate, said opening being closed by a door 5 and a swinging closure 6, placed side by side, so that when both are closed they will close the entire width of the opening 4. Door 5 is hinged to the casing 7 of opening 4, so that its free edge swings adjacent to the path of swinging closure 6. The swinging closure 6 is pivotally mounted at top and bottom by pivots located centrally of its width. The upper pivot may be simply a pivot-stud 8, turning in a pivot-socket 9 in the top of the door-casing 7, and in case a stove other than a gas-stove is used the lower pivot may be similarly formed. I prefer, however, to use a pivotal construction such as shown in Figs. 5 and 6 for the lower bearing, said construction comprising a step-bearing, ring, or collar 10, fastened on the floor 11, and a bearing-plate 12, fastened at the bottom of the door and having a downturned ring 13, forming, in conjunction with the step-bearing collar, an annular channel for the reception of balls 14, thereby giving a ball-bearing sup-

port for the door. The plate 12 may have an upward extension or flange 15 on one side and lips or lugs 16 on the other side, a plate 17 being placed on the inner side of said lugs, so as to embrace the swinging closure between the flange 15 and the plate 17, said flange and plate being fastened by screws 18 to the door.

19 designates the stove, which is attached to one side of the swinging closure 6, so that said closure serves also as a support for the stove. Said stove is preferably a gas-stove and is supplied with fuel through pipe connections extending or communicating through a pivot of the swinging closure—for example, the lower pivot. For this purpose a gas-supply pipe 29 is brought up through the floor in line with the pivotal axis of the swinging closure and concentric with the said bearing ring or collar 10 aforesaid. A nipple 20 is screwed on the pipe 29 and has a hollow extension or stud 21. A gasket collar or ring 22 turns freely around the said hollow stud, and an L or fitting 23 screws into said gasket-ring and surrounds the hollow stud, so as to compress the packing 24, placed between said parts, and thereby give a gas-tight joint. A pipe 25 leads from said L to the gas-stove.

The compartment 2 may contain the usual kitchen facilities, such as a sink 26 and shelves 27, and when the swinging closure is moved to bring the stove into said compartment said stove may extend alongside the sink into the space between the sink and shelves, so that practically all the space in said compartment will be utilized. Furthermore, the sink 26 may extend nearly to the front of said compartment, so that in using the sink the door 5 will be open and the user will stand in the opening. Practically all the use of a kitchen can be obtained, therefore, within a space commonly occupied by a small closet, and a person standing in the doorway can have access to the sink, the stove, and shelves. If, however, it is desired to bring the stove into the main room for any reason, the swinging closure is simply turned completely around to the position shown in dotted lines, leaving the compartment 2 completely cut off and out of sight. The door 5 serves to give convenient access not only to compartment 2, but also to the swinging closure, to enable manipulation thereof.

A lock comprising a spring-catch 30 is desirably provided to hold the swinging closure 6 in either of the above-described positions,

said catch engaging with detent-sockets 31 in the top of the casing 7 and having operating means, such as a depending chain 32, connected thereto to enable the catch to be drawn down to release the closure. Sockets 31 are desirably provided at each side of the pivotal connection of the swinging closure, so as to lock the closure in either position. The catch 30 is movable into sockets 31 when passing toward the same from either direction, so that the door or closure can be turned to either position in either direction.

It will be seen that when the door 5 is open the member 6, upon which the stove is mounted, forms only a partial closure between the apartments, a passage opened and closed by door 5 being provided at one side of the pivoted closure upon which the stove is mounted.

What I claim is—

1. The combination of two adjacent apartments, a wall therebetween provided with an opening, a door hinged in said opening, and a swinging closure pivotally and reversibly mounted adjacent to said door and a stove attached to one side of said swinging closure.

2. The combination with two communicating apartments of a swinging closure pivotally and reversibly mounted therebetween to swing on an axis midway of its width, a gas-stove attached to said swinging closure and supply connections for said gas-stove extending through a pivot of the closure.

3. The combination with two communicating apartments of a partial closure therebetween pivotally mounted to reversibly present either side to either apartment, and a stove attached to one side of said swinging closure, a passage between said apartments being provided at one side of said closure.

4. A main apartment, a minor apartment communicating therewith, a sink in the minor apartment extending adjacent to the opening between said apartments, a door partly closing said opening, and a swinging closure for the rest of said opening carrying a stove and reversibly mounted to extend the stove alongside the sink in the minor apartment, or into the main apartment.

In testimony whereof I have hereunto set my hand, at Los Angeles, California, this 9th day of September, 1904.

WILLARD C. JAMES.

In presence of—

A. P. KNIGHT,
RILLA ROBERTS.