No. 868,501. PATENTED OCT. 15, 1907.

W. S. STANLEY.

ADJUSTABLE FURNITURE STANDARD FASTENER.

APPLICATION FILED FEB. 18, 1907.

Fig. 1.

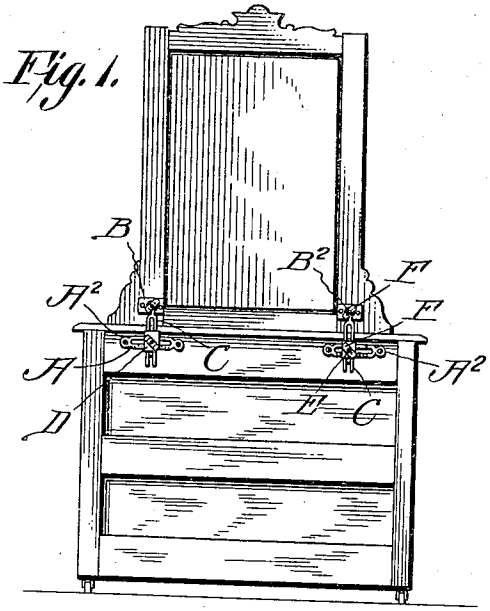


Fig. 4.

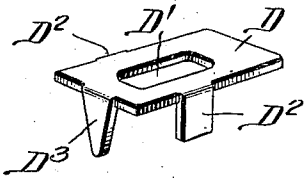


Fig. 5.

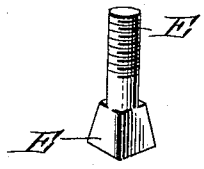


Fig. 2.

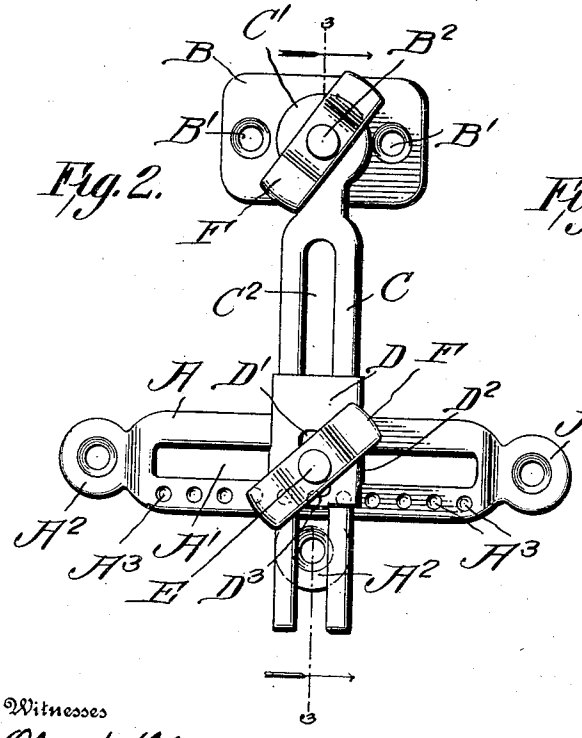
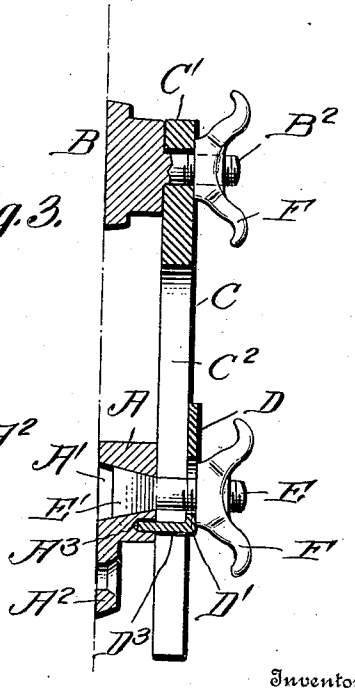


Fig. 3.



Witnesses

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ADJUSTABLE FURNITURE-STANDARD FASTENER.

No. 868,501. Specification of Letters Patent. Patented Oct. 15, 1907.

Application filed February 18, 1907. Serial No. 357,983.

To all whom it may concern:

Be it known that I, WILLIAM S. STANLEY, a citizen of the United States, residing at Dalton, in the county of Whitfield and State of Georgia, have invented a new and useful Improvement in an Adjustable Furniture-Standard Fastener, of which the following is a specification.

This invention relates to a fastener for furniture standards and is intended for use in connection with dressers, bureaus, side-boards, wash-stands, etc. It is the common practice to secure these standards in places by means of two blocks of wood arranged obliquely and secured to the back of the article of furniture and to the standard by means of screws. When the standard has been removed it is necessary in order to replace it to fit these blocks so that the screw openings in the blocks will register with those in the standard.

My invention consists of metal plate which is preferably secured to the back of the standard and which carries a threaded bolt, of a slotted plate secured to the back of the dresser or other piece of furniture and a slotted plate having an eye at one end to engage the threaded bolt of the metal plate first mentioned, together with means for locking the plate having the eye to the other plates.

In the drawings forming a part of this specification:—Figure 1 is a rear elevation of a bureau showing a standard connected thereto with my fastener. Fig. 2 is a plan view of the fastening device showing the various parts assembled in their relative positions with respect to each other. Fig. 3 is a section on the line 3—3 of Fig. 2. Fig. 4 is a detail perspective view of a slidable locking plate. Fig. 5 is a perspective view of a bolt employed with the fastener.

This fastener consists of a metal plate A which is longitudinally slotted as shown at A′ and which has perforated ears A^2 through which screws are passed in order to secure the same upon the back of the article of furniture. A small metal plate B also provided with countersunk screw openings B′ and a threaded bolt B^2 projects centrally from the plate B and is rigid with the plate.

A connecting plate is provided which consists of a bar C which at one end terminates in an eye portion C′ adapted to fit loosely over the bolt B^2. The bar C is also longitudinally slotted as shown at C^2, said slot extending to the end of the bar opposite the eye portion C′. A small locking plate D is slotted as shown at D′ and is provided with depending side lugs D^2 and with depending tongue at one end as at D^3. The slot A is wedge-shaped in cross-section as shown at Fig. 3 and a bolt E having a wedge-shaped head E′ is adapted to pass through the slot A′ thus wedging the head in the slot.

Winged nuts F fit in the bolts B^2 and E respectively. In use the plate A can be secured by means of screws to the back of the article of furniture at the factory and the other parts can be placed in one of the drawers and the plate B may be secured to the back of the standard when the same is put into position at the store.

As the various parts are adjustable with respect to each other, the plates A can be put into position very quickly as it is not necessary that they should be fitted exactly at any particular point upon the furniture back. The standard is locked to the piece of furniture by slipping the eye C′ of the bar C over the bolt B^2. The locking plate D is placed upon the bar C the lugs D^2 resting upon opposite sides of the bar and guiding the plate D in any sliding movement along the bar. The tongue D^3 drops into sockets A^3 formed in the plate A. These sockets are formed in what may be considered the lower side of the plate A. The parts are then securely locked in position by threading the winged nuts F upon the bolts B^2 and E.

In the drawings I have shown the bar C arranged at a right angle to the plate A, and as the plate is slotted it will be obvious that the bolt E can be shifted along the slot A′, so that it will usually be possible to arrange the bar C at a right angle to the plate A, even if the plate B is not placed exactly above the central portion of the plate A. It is also unnecessary to lock either the plate A or the plate B within any exact position relative to the edges of the furniture back or of the standard as the slotting of the bar C and the sliding upon the bar of the plate D permits the necessary vertical adjustment so that the locking of the standard to the back can be readily accomplished with the plates A and B at different distances apart. If desired, the plates B and A can be placed slightly out of vertical alinement in which event the bar C would occupy a slightly oblique position as do the ordinary wooden slats in common use.

In moving furniture provided with this fastener it is only necessary to remove the winged nuts, lift off the small plates D and then disengage the bars C from the plates A and B. When the standard is to be placed back it is only necessary to fit the eyes of the bars C over the bolts B^2 and to fit the slotted plate D over the bolt E, which bolt it will be understood is in position to project through the slot C^2 of the bar C, and then to place the nuts F in position and tighten them down. This makes it unnecessary to remove or put in any screws or to use any tools in order to take off or put on a standard after the plates A and B have once been assembled in their proper position.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A fastener of the kind described comprising a plate longitudinally slotted, the slot being wedge-shaped in

cross-section, of a plate having a threaded bolt rigid therewith, of a longitudinally slotted bar, said bar having an eye formed at one end to engage the bolt, a bolt having a wedge-shaped head, said bolt extending through the slot of the first mentioned plate and also through the slot of the bar and nuts fitting said bolts.

2. A device of the kind described comprising a longitudinally slotted plate adapted to be secured at the back of a dresser, a bolt having a head sliding in said slot, a plate adapted to be secured to the back of a standard, a threaded bolt carried by said plate, a bar adapted to engage both of said bolts, and nuts working upon the bolts and clamping the bar.

3. A fastener of the kind described comprising a plate having a bolt rigid therewith, a slotted plate, a bolt having a head loosely held in said slot and slidable along the slot, a bar having an eye portion fitting over the rigid bolt, and a slotted portion to engage the movable bolt, a slotted plate slidable upon the bar and also fitting over the movable bolt, and winged nuts engaging said bolts.

4. A device of the kind described comprising a plate having a rigid bolt, a plate carrying a slidable bolt, a bar having an eye at one end to engage one of the bolts and slotted to engage the other bolt, a clamping plate slotted to aline with the slot of the bar, said plate sliding upon the bar, and locking nuts working upon the bolts and clamping the bar.

5. A device of the kind described comprising a plate, a projecting bolt rigid with the plate, a slotted plate a bolt having a head loosely held in said slot and slidable along the slot, a bar having an eye at one end to engage one of said bolts and slotted to engage the other bolt, a locking plate also slotted, said locking plate having depending side lugs resting upon opposite sides of the slotted bar and winged nuts working upon the bolts.

6. A fastener of the kind described comprising a plate, a bolt rigid with the plate, a bar longitudinally slotted, said slot being wedge-shaped in cross-section, a bolt having a wedge-shaped head working in said slot, a slotted bar having an eye portion at one end to engage the rigid bolt, the movable bolt passing through the slot of the bar a plate slidably resting upon the bar, said plate having side lugs engaging the sides of the bar and a tongue working in the slot of the bar, the movable bolt passing also through the last mentioned plates and nuts fitting upon the bolts.

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