

(No Model.)

J. A. BOVYER.
ADJUSTABLE FASTENER.

No. 519,831.

Patented May 15, 1894.

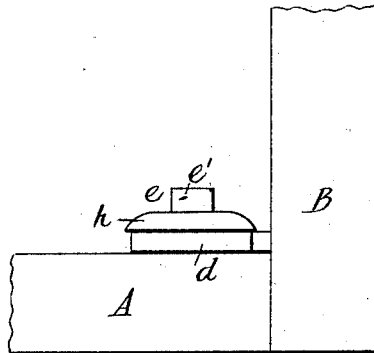


Fig. 1.

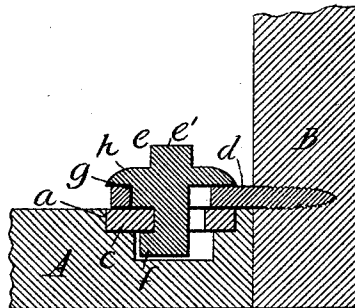


Fig. 2.

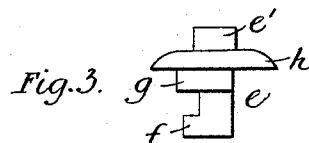


Fig. 3.

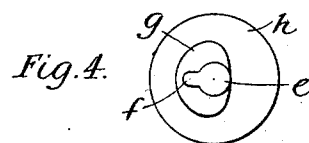


Fig. 4.

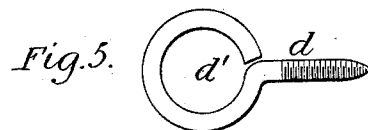


Fig. 5.

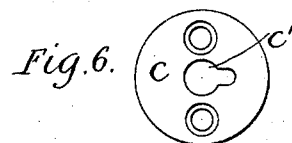


Fig. 6.

Witnesses
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UNITED STATES PATENT OFFICE.

JOHN A. BOVYER, OF SAN DIEGO, CALIFORNIA.

ADJUSTABLE FASTENER.

SPECIFICATION forming part of Letters Patent No. 519,831, dated May 15, 1894.

Application filed May 14, 1892. Serial No. 433,066. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. BOVYER, a citizen of the United States, and a resident of the city and county of San Diego, State of California, have invented a new and useful Improved Adjustable Fastener for General Use; and I hereby declare that the following is a full, clear, and exact description of the said invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to fasteners of that type which are employed for the connection of the parts of knock-down furniture, and the like, and has for its object to provide a fastener which is adjustable in character, and which may be applied, and operated with a minimum of time and labor.

My invention consists in the construction, relative arrangement and operation of the several parts constituting my improved fastener, all of which will hereinafter fully and clearly appear from a reading of the following description taken in connection with the accompanying drawings which form a part of this specification, and in which—

Figure 1. illustrates in side elevation my improved fastener in position. Fig. 2. is a vertical central section of the same. Fig. 3. is a side elevation of the main portion of said fastener. Fig. 4. is a bottom view, and Figs. 5 and 6, are detail views of the other parts of said fastener.

Referring to the said drawings by letter, A. B. denote the parts to be connected, and to which my fastener is applied. In the part A I form a circular or other shaped opening *a* which receives an escutcheon *c* having a key-hole *c'* as shown. In the other part B is secured one end of a screw eye *d*, the opening *d'* of which is above the escutcheon and con-

centric therewith. The locking device is shown at *e* and consists of a standard having a polygonal head *e'* to permit of the same being turned by a wrench or similar device, and having at its lower end a key *f*, which in practice enters the key-hole in the escutcheon and by being turned slightly is held in place. Between the head and key is a cam shaped projection *g*, and above the same is a flange *h*. This cam and flange in practice engage the opening of the screw eye, the flange engaging it vertically, and the cam when turned engaging it laterally to draw the parts together to form a tight joint. In the event of the joint from repeated use, becoming loose, by turning the cam the slack is taken up, and the union made as rigid as may be required. The fastening when made is neat, compact and easily applied and operated. The parts being placed together with the opening of the screw eye in proper relation to the escutcheon, the standard is inserted and turned sufficiently to cause the key and escutcheon to engage to prevent the withdrawal of the standard, and also to cause the cam to engage the opening in the eye and with a binding action to draw the said parts closely together.

I claim—

A fastener of the class described comprising in combination, a standard having a polygonal head, and a key as described, a cam and flange interposed between said head and key, a screw eye for engagement with said cam and flange, and an escutcheon for engagement with said key.

In witness whereof I have hereunto affixed my signature.

JOHN A. BOVYER.

Witnesses:

A. B. SMITH,
T. C. EDMOND.