(No Model.)

W. D. GRIDLEY.

BRACKET.

No. 482,086. Patented Sept. 6, 1892.

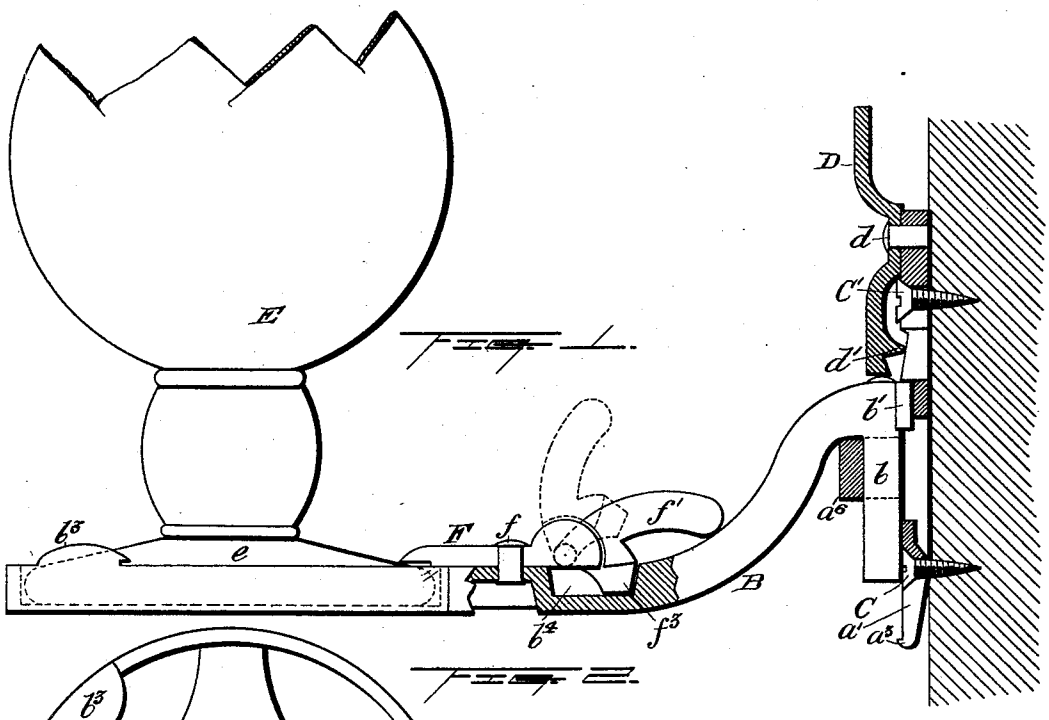

Fig. 1.

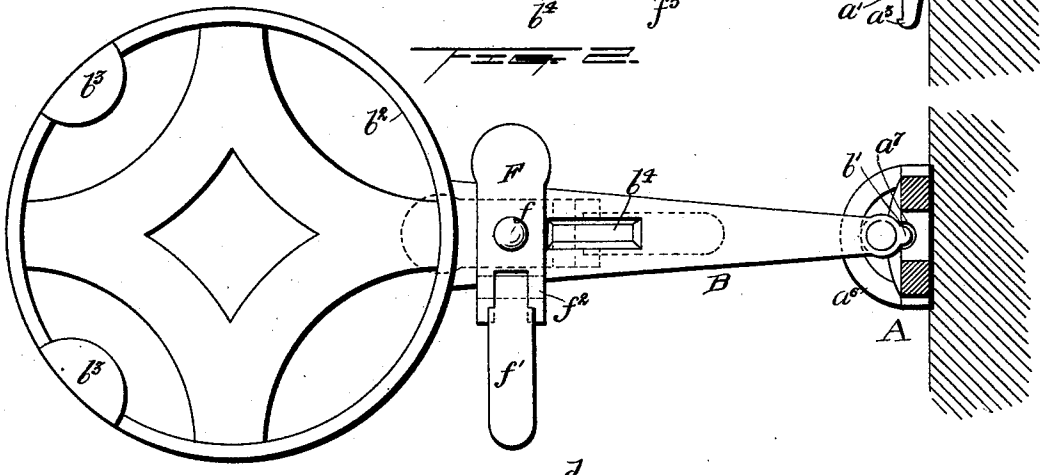

Fig. 2.

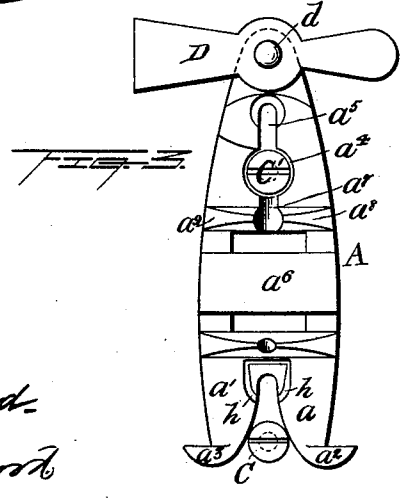

Fig. 3.

Witnesses.
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BRACKET.

SPECIFICATION forming part of Letters Patent No. 482,086, dated September 6, 1892.

Application filed April 26, 1892. Serial No. 430,661. (No model.)

To all whom it may concern:

Be it known that I, WILMER D. GRIDLEY, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Brackets, of which the following is a specification.

My invention relates to an improvement in brackets comprising a stationary and an adjustable section, provided with means to lock the article to be held to the adjustable section, for locking the adjustable section to the stationary section in its various adjustments, and for locking the stationary section to the wall or other support, so that the parts may be readily assembled, adjusted, and separated at pleasure.

A practical embodiment of my invention is represented in the accompanying drawings, in which—

Figure 1 represents the parts in assembled adjustment in side elevation and partly in section. Fig. 2 is a top plan view showing the parts assembled, the stationary part of the bracket being shown in section and the locking device on the adjustable part being shown in full lines in released adjustment, its position in locked adjustment being represented in dotted lines; and Fig. 3 is a view in detail, in front elevation, of the stationary part of the bracket or wall section, showing its locking device in released adjustment and the bracket-section itself in the position which it assumes while being adjusted or removed from the screws or other fastening devices by which it is secured to the wall.

The stationary or wall section of the bracket is denoted as a whole by A and the adjustable section or supporting-arm is denoted as a whole by B. The part A is bifurcated at its lower end, terminating in legs a a', gradually separating from each other to receive between them the shank of the fastening device—such, for example, as the screw C—and at the lower ends of said legs a a' are outwardly-turned feet a^2 and a^3. The legs a and a' not only gradually diverge from each other, but also are offset from the back of the part A, so as to stand out a short distance away from the wall, thereby enabling the feet a^2 and a^3 to form a convenient support for suspending therefrom, by a wire or other flexible connection, a picture or other ornament. The said part A is further provided with an opening a^4 at its upper portion for the reception of the head of a second fastening device—as, for example, a screw C'—and a contracted slot a^5 leads upwardly from said opening a^4 for the reception of the shank of the said fastening device C'. Intermediate of the openings for the reception of the fastening devices the said part A is provided with a socket portion a^6 for the reception of the pintle of the adjustable or supporting section. At the rear of the socket portion a^6 the bracket is provided with a recess a^7 for the reception of a nose or rib on the pintle of the supporting-arm for holding the latter in its position squarely to the front, and on opposite sides of said recess a^7 there are formed raised portions a^8 and a^9 for engaging said nose or rib, and thereby holding the supporting-arm in its adjustment swung to the right or left, as may be desired.

A locking device consisting of a swinging latch D is pivotally secured, as at d, to the upper portion of the part A and is adapted to swing into position, so that its lower end will be in proximity to the supporting-arm when the parts are assembled, and thereby prevent it from escaping out of its socket, as clearly shown in Fig. 1. The latch D is further provided with a rearward-extending lip d', (see Fig. 1,) which when the latch is thrown into its locking position projects under the lower side of the head of the screw C', and thereby prevents the lifting of the part A to remove it from the wall.

The adjustable section or supporting-arm B is provided with a pintle portion b, adapted to enter within the socket portion a^6 of the stationary portion, and said pintle portion b is provided with a rearward-projecting nose or rib b' for engaging the recess a^7 or the raised portions on the opposite sides of the recess to lock the supporting-arm to the front or to one side or the other, as may be desired.

The form of supporting-arm which I have chosen to represent as my invention is provided at its free end with a circular skeleton rest b^2, provided with fixed retaining-lips b^3 at intervals thereon for the reception of the base e of a lamp or jar E. A swinging latch F is pivoted to the shank of the arm B, as at f, and when swung into locked position, as

shown in Fig. 1, its end is adapted to overlap the rest b^2, and, together with the stationary lips b^3, serves to securely hold the lamp or other supported article to the base. The latch F is provided at its opposite end with an operating-handle f', which is in effect a gravity-catch, and is pivotally secured to the latch F, as at f^2, so that it may be swung in a vertical direction or in a direction at right angles to the swinging movement of the latch F. The catch f' is provided on its under side with a nose f^3, adapted to enter a recess b^4 in the upper face of the arm B, and when in such position (represented in full lines in Fig. 1) the latch F will be securely locked against displacement from side to side. When, however, it is desired to remove the article supported, the catch f' may be lifted into the position shown in dotted lines in Fig. 1, and the latch F may be then swung to the right or left to permit the base of the article supported to be removed from the rest b^2.

In order to provide for securing the wall-section to the wall against removal, except by loosening its fastenings, I find it desirable to form shoulders h in proximity to the end of the opening between the legs a and a' of the bracket, preferably by recessing the bracket in the neighborhood of the upper end of said opening, as indicated in Fig. 3, so that when the shank of the screw has been adjusted in the upper end of said opening the screw C may be screwed home into contact with the bracket, and the swelled portion of the screw on the under side of its head will thereby be forced into engagement with the shoulders h, so that it will be impossible to remove the section A, even after the latch D is released, without again loosening the screw C, so as to permit the bracket to be slid upwardly along its shank.

What I claim is—

1. The combination, with the supporting-arm of a bracket, of a latch for locking the article to be held in its seat and a catch pivoted to and carried by the latch for holding the latch in locked adjustment, substantially as set forth.

2. The combination, with the supporting-arm of a bracket, of a latch for locking the article to be held in its seat, and a catch pivoted to and having a swinging movement transverse to the movement of the latch, the catch and the supporting-arm being provided the one with a recess and the other with a projection adapted to engage the recess and thereby hold the latch in locked adjustment, substantially as set forth.

3. The combination, with a supporting-arm section and the wall-section, the one provided with a pintle and the other with a socket, the wall-section being further provided with an opening therethrough at a point above the pintle and socket for the adjustment of the wall-section on and its removal from a fixed fastening device at pleasure, of a latch pivoted to the wall-section and adapted to swing into position over said opening through the wall-section to lock the pintle in the socket, substantially as set forth.

4. The combination, with the wall-section provided with an opening having a contracted neck to receive a fastening device, of a swinging latch pivotally secured to the said wall-section and provided with a lip adapted to overlap the head of the fastening device and prevent the accidental displacement of the wall-section, substantially as set forth.

5. The combination, with the wall-section provided with an opening having a contracted neck to receive a fastening device and with a socket, of a supporting-arm having a pintle adapted to enter the said socket and a latch provided with a lip and adapted to swing into position to simultaneously lock the pintle in its socket and wall-section to its fastening device, substantially as set forth.

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