

(No Model.)

G. F. HALL.

ADJUSTABLE BRACKET FOR SUPPORTING INKSTANDS.

No. 475,056.

Patented May 17, 1892.

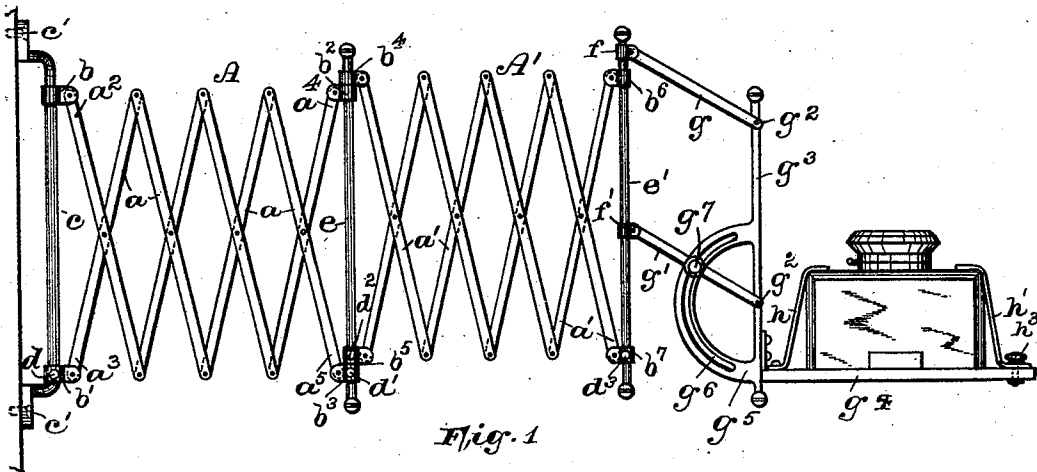


Fig. 1

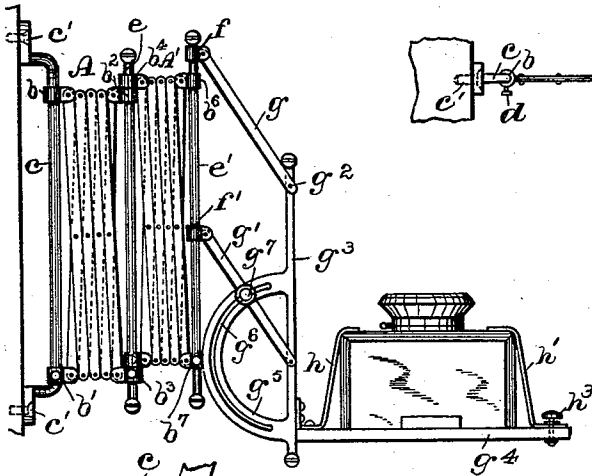


Fig. 2

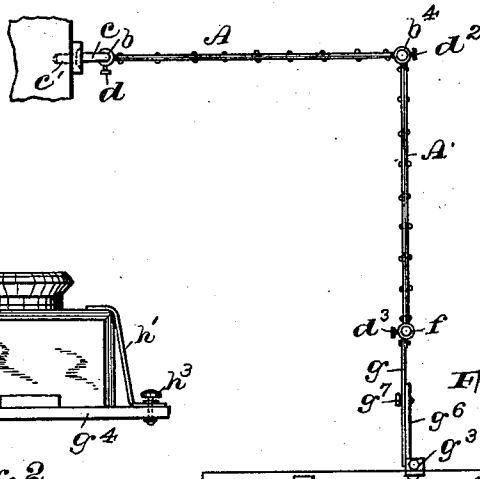


Fig. 3

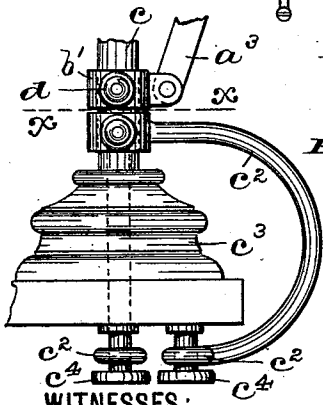


Fig. 4

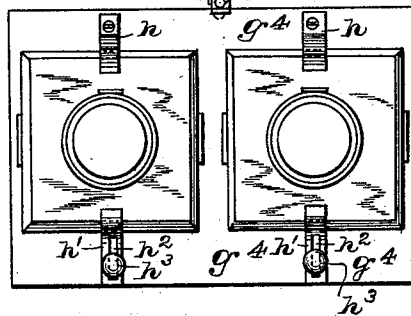


Fig. 5

WITNESSES:

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UNITED STATES PATENT OFFICE.

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ADJUSTABLE BRACKET FOR SUPPORTING INKSTANDS.

SPECIFICATION forming part of Letters Patent No. 475,056, dated May 17, 1892.

Application filed April 17, 1891. Serial No. 389,262. (No model.)

To all whom it may concern:

Be it known that I, GEORGE F. HALL, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Adjustable Brackets for Supporting Inkstands, Lamps, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The purpose of the present invention illustrated in the accompanying sheet of drawings is to provide a simple, effective, and cheap device for the support of ink-wells, lamps, &c., constituting a bracket which is capable of a longitudinal and vertical adjustment, as well as a rotary or swinging motion, whereby the ink-well or lamp can be brought in any position upon an article of furniture, as may be desired.

The invention therefore consists of certain arrangements and combinations of parts, as will be hereinafter more fully described, and finally embodied in the clauses of the claim.

In the drawings, in which similar letters of reference are employed to indicate corresponding parts in each of the several views, Figure 1 is a side view of the improved ink-well-holding bracket as applied to the back of a desk or other piece of furniture. Fig. 2 is a similar view thereof, illustrating the adjustable bracket in its closed position. Fig. 3 is a plan view of my improved bracket, illustrating one of its adjustable sections rotated at a right angle to the remaining section to illustrate the manner of moving the ink-well into any desirable position in a horizontal plane parallel to the surface of the desk. Fig. 4 represents the foot of a post which can be employed instead of the form of support shown in Figs. 1 and 2, said post being provided with a clamping means for firmly attaching the post upon the desk, table, or other piece of furniture. Fig. 5 is a horizontal section taken on line *x* in Fig. 4.

Referring to the drawings, the adjustable bracket consists of a system of levers com-

monly known as "lazy-tongs," which are pivotally connected with each other, as shown. As will be seen from Fig. 1, my present form of bracket comprises two sets of lazy-tongs; but any number of sets may be employed, as will be evident.

A designates one set of levers, made up of any convenient number of bars *a*. *A'* is the other set, made up of the bars *a'*. To the free ends *a*² and *a*³ of the bars in the set *A*, I have secured the sleeves *b* and *b'*, which are preferably made from sheet metal and are formed so that they can freely slide upon a support or post *c*, as will be seen from Figs. 1, 2, and 4. Said support may be firmly secured to an article of furniture by means of the screws *c'*, as illustrated in Figs. 1 and 2, or where a post is employed, as shown in Fig. 4, I contemplate using a clamp *c*², constructed and operating in the manner as will be described hereinafter. The lower one of said sleeves, as *b'*, is provided with a set-screw *d*.

To the free ends *a*⁴ and *a*⁵ I have secured a second set of sleeves *b*² and *b*³, arranged upon a rod *e*. The lower sleeve *b*² is provided with a set-screw *d'*. To said rod *e* is secured the lazy-tongs *A'* by means of the sleeves *b*⁴ and *b*⁵, and at the opposite free ends of said levers are the sleeves *b*⁶ and *b*⁷, encircling the rod *e'*. Set-screws *d*² and *d*³ are arranged in the sleeves *b*⁵ and *b*⁷, respectively. From the drawings it will be noticed that in all of the upper sleeves the use of set-screws is avoided, which permits of a longitudinal movement of the two sets of lazy-tongs and also an up-and-down movement of these sleeves upon their respective rods. By loosening the set-screw *d*² in the sleeve *b*⁵ upon rod *e* the set of levers or lazy-tongs *A'* is capable of a rotary movement in a horizontal plane, as clearly shown in Fig. 3.

Upon the rod *e'* I have secured the sleeves *f* and *f'*, to which are pivotally attached arms *g* and *g'*, respectively, which in turn are pivoted by means of pins *g*² at their opposite ends to a bar or arm *g*³, provided with a supporting plate or shelf *g*⁴ of any desirable construction, to which can be secured an ink-well or lamp or any other desirable article. By pivotally securing the arms *g* and *g'* at their ends to the rod *e'* and the arm *g*³ said plate or shelf *g*⁴ is capable of vertical adjustment, and in

order to secure said plate in such adjusted position said arm g^3 is provided with a segment g^5 or its equivalent, provided with a slot g^6 , and a set-screw g^7 , arranged in the arm g' , the shank of said screw sliding in the slot g^6 , whereby said arm g' and the segment can be firmly held together in any desirable position which prevents any up-and-down movement of the shelf g^4 , as will be clearly understood from the drawings. When it is desirable to use the bracket for the purpose of holding one or more inkstands, I have provided said shelf g^4 with the holding-springs h , secured by means of screws or pins upon said shelf, and the adjustable holding-springs h' , provided with slots h^2 and working upon the thumb-screws h^3 . In this manner any ordinary ink-well or any inkstand can be securely held upon the shelf g^4 . Instead of the support shown in Figs. 1 and 2, which is intended for permanent attachment to the back of a roll-top desk or to any other article of furniture, such as an upright piano, when used as a bracket for supporting a lamp, said adjustable set of levers can be arranged upon a post or support provided with a base or foot c^3 . In that case said post can be provided with one or more curved clamping-arms c^2 , adapted to extend over the edge of a flat desk or table and beneath the same, as shown in Figs. 4 and 5, being provided with the holding-screws c^4 to firmly secure said post in any position along the edge of the desk or table, or upon the corner, as clearly shown in Fig. 5.

My improved form of bracket shown in Figs. 1, 2, and 3 when used for supporting inkstands can be advantageously employed upon roll-top desks. The desks are very deep and are often covered with a considerable number of papers, in which case the ordinary inkstand is in the way and is often upset. By securing my bracket to the back of such desk and arranging the inkstand upon the supporting-shelf g^4 there is no danger of upsetting, and the ink-wells can be moved forwardly or sidewise, as may be desirable, and can be adjusted to any convenient height by the adjustability of the arms g and g' .

In the drawings I have illustrated but one form of fastening means for securing the inkstands to the shelf g^4 ; but any other well-known fastening means can be employed without departing from the scope of my present invention.

There are a great many other advantages derived from my invention, some of which

are the rapidity with which the device can be adjusted, the simplicity and cheapness of construction, which enable the same to be made of very light material, and therefore the ease of handling and adjusting the brackets when in use. It will be further understood that the number of levers and their relative lengths are not limited to those shown in the drawings; but the number may be increased or decreased, as may be desirable.

Having thus described my invention, what I claim is—

1. As a new article of manufacture, a bracket consisting of a set of lazy-tongs secured at one end to a support and at the other connected by means of a vertical rod to which the one free end of the tongs is fastened and upon which the other end is free to slide, arms g and g' , pivotally and adjustably secured on said vertical rod connecting the ends of the tongs, a rod g^5 , to which said arms g and g' are pivoted, a shelf secured to said rod g^5 , and means on said rod g^5 , connected with said arm g' , whereby said parts are capable of adjustment, as and for the purposes set forth.

2. In a bracket, the combination, with two sets of lazy-tongs A and A' , secured to a support c and a rod e , and means on said rod for permitting the rotation of said sets of lazy-tongs at an angle to each other and securing them in such position and provided with a rod e' , of an inkstand or lamp-supporting shelf g^4 , secured to an arm g^3 , arms g' and g^2 , pivotally attached to said rod e' and arm g^3 , and means on said arm g^3 for holding said shelf in its vertically-adjusted position, as and for the purposes set forth.

3. The herein-described bracket for supporting an inkstand, consisting of two sets of lazy-tongs A and A' , adjustably secured to a support c and rods e and e' by means of sleeves, substantially as set forth, arms g and g' , pivotally attached to rod e' , and an arm g^3 , provided with a shelf and a segment and holding-screw for adjusting said shelf vertically, and springs h and h' on said shelf adapted to engage with the inkstand, substantially as and for the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this 9th day of March, 1891.

GEORGE F. HALL.

Witnesses:

FREDK. C. FRAENTZEL,
WM. H. CAMFIELD, Jr.,