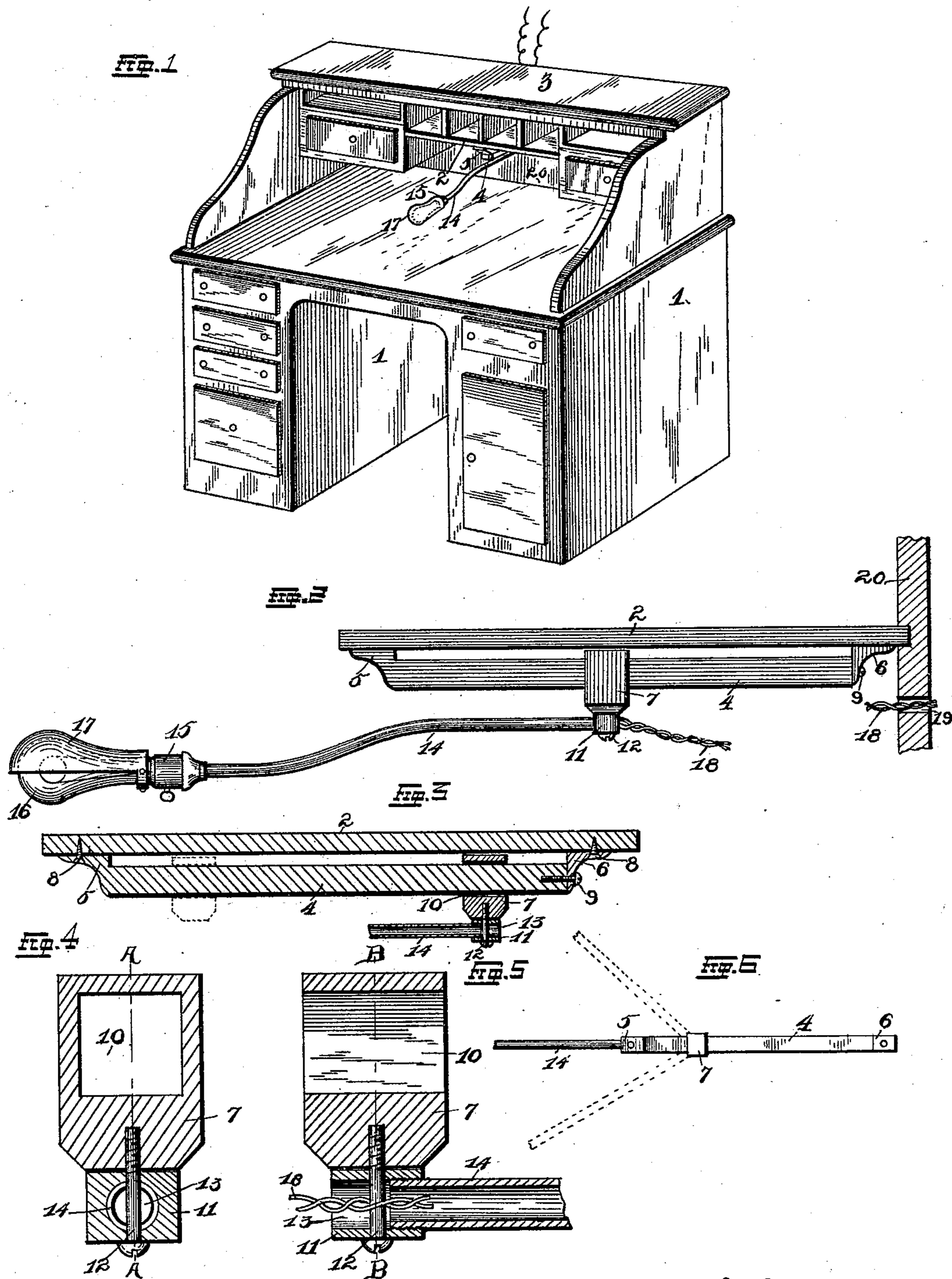


(No Model.)

S. G. GARLOCK & B. W. MARSHALL.  
ADJUSTABLE DESK BRACKET FOR ELECTRIC LAMPS.

No. 517,569.

Patented Apr. 3, 1894.



## WITNESSES

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# UNITED STATES PATENT OFFICE.

STEPHEN G. GARLOCK AND BENNIE W. MARSHALL, OF ST. LOUIS, MISSOURI,  
ASSIGNORS TO WILLIAM J. MARSHALL, OF SAME PLACE.

## ADJUSTABLE DESK-BRACKET FOR ELECTRIC LAMPS.

SPECIFICATION forming part of Letters Patent No. 517,569, dated April 3, 1894.

Application filed May 8, 1893. Serial No. 473,383. (No model.)

*To all whom it may concern:*

Be it known that we, STEPHEN G. GARLOCK and BENNIE W. MARSHALL, both of the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Adjustable Desk - Brackets for Electric Lamps, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

Our invention relates to an improved electric lamp attachment for desks, and consists in the novel construction, combination and arrangement of parts hereinafter described and designated in the claims.

The object of our invention is to provide an improved attachment for containing the wiring of an electric lamp, applicable to the horizontal flat tops of large desks, whereby an electric lamp having the proper electrical connections may be moved from point to point above the top of said desk and revolve in a complete circle to effectively light up any specific portion of said desk.

In the drawings: Figure 1 is a perspective view of a common roll-top desk, having our invention applied thereto. Fig. 2 is a side elevation with the back of the desk in section. Fig. 3 is a longitudinal vertical sectional view of a fixed horizontal guide-bar used in carrying out the invention. Fig. 4 is a vertical cross-section taken on the line B—B of Fig. 5. Fig. 5 is a vertical section taken on the line A—A of Fig. 4. Fig. 6 is a top plan view of the device removed from the desk, showing parts broken away, and showing in dotted lines the alternate positions of the electric lamp.

1 indicates an ordinary roll top desk, having our invention applied thereto. A shelf 2 beneath the top 3 of said desk, provides the supporting construction for a fixed horizontal guide-bar 4, which is preferably angular in cross-section and provided at one end with an upwardly projecting integral bracket 5, by means of which said bar is secured to said shelf at one end, while the other end of said bar is supported by a detachable similarly shaped bracket 6, which is secured upon the end of said bar after a traveler 7 has been

placed thereon. The bar 4 extends horizontally and parallel to the top of the desk.

As shown in Fig. 3, the brackets 5 and 6 are secured to the shelf 2 of the desk by means of countersunk-screws 8, and the separable bracket 6 is secured to the bar 4 by means of a round-headed screw 9.

The traveler 7 consists of an elongated rectangular block having a rectangular transverse opening 10, which is engaged by said guide-bar, so that said traveler is loosely mounted to slide upon said bar from one end to the other thereof. This traveler is preferably placed vertically. Revolvably mounted upon the lower end of said traveler is a socket piece 11, circular in inverted plan view, and held to said traveler by means of a bolt 12. The socket 11 is provided with a circular screw threaded opening 13, and screwed into said opening is a curved hollow arm 14, upon the outer free end of which is secured a common incandescent electric lamp socket 15, which holds the electric lamp 16 and its shade 17. The socket 11 is freely revoluble upon the bolt 12.

18 indicates a common flexible lamp cord, which contains the two flexible electrical conductors for conducting the current to and from the lamp of the device. This cord enters through an opening 19 in the back of the desk, and passes into the opening 13 of the socket 11, one strand of said cord passing upon one side of the bolt 12, and the other strand of said cord passing on the opposite side of said bolt, and thence into the curved hollow arm 14 to its electrical connections in the socket 15.

From the above description, it will readily be seen that the curved hollow arm 14, and the parts to which it is connected, are adjustable upon the guide-bar 4, so that the light of said lamp may be effectively directed upon any specific point of the top of the desk which is beneath it. In other words, the traveler can be reciprocated freely upon the said guide-bar, and the socket 11 may be revolved upon said traveler without in any manner interfering with the passage of electric current to the electrical conductors of of said lamp.



We are aware that heretofore adjustable brackets for supporting oil lamps, books, music, and various other articles upon portable tables, stands and chairs have been used and patented, and we hereby disclaim such.

What we claim is—

1. The improved electric-lamp attachment for desks, having a fixed horizontal guide-bar, angular in cross-section and fitted with a bracket at each of its ends for securing it parallel to and above the top of a desk, a loose traveler having an opening therethrough corresponding to the cross-section of said guide-bar, and said traveler mounted loosely upon said guide-bar with said opening engaging the same, means for preventing revoluble movement of said traveler upon said bar, a socket-piece 11, a bolt 12 which engages said socket piece and said traveler, and pivotally secures said socket to said traveler, said socket having a circular screw-threaded opening 13, a hollow arm 14 screwed into said opening, an electric-lamp socket mounted upon the free end of said arm, and electrical conductors connected to said lamp socket and passing through said arm and through the opening in said socket piece 11, and arranged to carry an electric current to and from a lamp located in said lamp socket, and thereby illumine said lamp continuously while said traveler is being adjusted longitudinally on said bar, and while said socket and arm are being swung around upon said traveler, substantially as herein specified.
2. The combination, in an electric lamp attachment for desks, of a horizontal guide-bar

4 angular in cross-section, an upwardly projecting bracket 5 formed integral with said bar at one of its ends, another bracket 6 detachably secured to the opposite end of said bar, each of said brackets constructed to support said bar horizontally above and parallel to the top of a desk, a screw 9 which secures said bracket 6 to the end of said bar, a traveler 7 consisting of an elongated rectangular block having a rectangular transverse opening 10 and loosely mounted to slide upon said guide-bar, means for preventing rotation of said traveler upon said bar, a bolt 12 which engages the lower end of said traveler, a socket piece 11 having a circular screw-threaded opening 13 and revolubly mounted upon the lower end of said traveler and secured thereto by means of said bolt, a curved hollow arm 14, one end of which is threaded into the opening 13 of said socket piece, an electric lamp socket 15 mounted upon the free end of said hollow arm, and two flexible electrical conductors located within said arm and connected to said lamp socket and passing through the screw-threaded opening 13 of said socket piece, one upon one side of said bolt 12 and one upon the opposite side of said bolt, substantially as herein specified.

In testimony whereof we affix our signatures in presence of two witnesses.

STEPHEN G. GARLOCK.  
BENNIE W. MARSHALL.

Witnesses:

E. E. LONGAN,  
JNO. C. HIGDON.