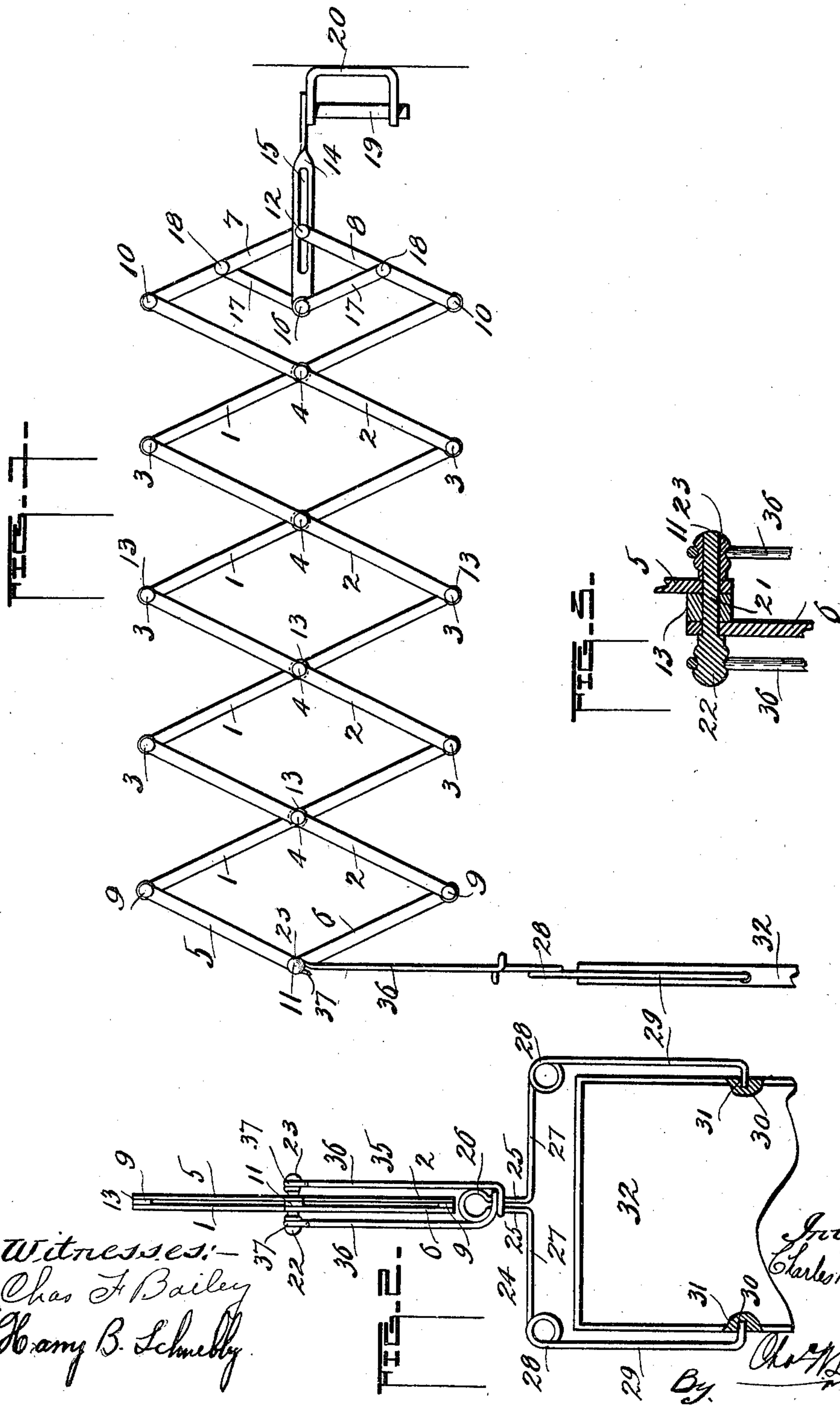


No. 736,609.

PATENTED AUG. 18, 1903.

C. N. LANGDON.
ADJUSTABLE MIRROR SUPPORT.
APPLICATION FILED SEPT. 8, 1902.

NO MODEL.



Witnesses:
Chas F Bailey
Harry B. Schueby

Inventor,
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By *Chas M Caste*
Att'y.

UNITED STATES PATENT OFFICE.

CHARLES N. LANGDON, OF PEORIA, ILLINOIS.

ADJUSTABLE MIRROR-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 736,609, dated August 18, 1903.

Application filed September 8, 1902. Serial No. 122,615. (No model.)

To all whom it may concern:

Be it known that I, CHARLES N. LANGDON, a citizen of the United States, residing at Peoria, in the county of Peoria and State of Illinois, have invented certain new and useful Improvements in Adjustable Mirror-Supports; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

This invention has reference to an adjustable mirror and its support, and the object which I have in view is to provide a mirror-support of a collapsible frame arranged to be extended to a greater or less extent and one end of the support having means whereby the same may be swingably attached to any suitable device.

A further object of the invention is a device suspended from the outer end of the collapsible frame from which is supported a mirror. This mirror-support has a detachable connection with the collapsible frame and is of two parts having swivel connection with each other.

The invention has for its further object to provide a simple, durable, and cheap mirror-support; and it consists in the details of construction and arrangement of parts herein-after more fully described, and illustrated in the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side elevation of my device in which the collapsible frame is shown partly extended. Fig. 2 is a front elevation showing the manner of supporting the mirror from the collapsible frame. Fig. 3 is a detail in section of connecting devices for the outer end of the collapsible frame, which also serves the means from which the mirror-frame is suspended.

In the figures the main frame-support, from which it is designed to suspend the mirror, comprises a skeleton frame of a multiplicity of parts 1 and 2, which have their opposite ends pivotally connected with each other at 3 and a central pivotal point 4 in such a manner that as the points 1 and 2 are separated from each other, as shown in Fig. 1, they will lie in angles diagonally opposite to each other, and the distance to which the entire frame

may be extended is governed by the pivotal points 3 and 4. At opposite ends of this frame, composed of parts 1 and 2, is provided the short links 5 and 6 and 7 and 8, each of which has a pivotal connection at 9 with parts 1 and 2 at the forward end of the frame and at 10 with parts 1 and 2 at the rear thereof, as shown, and the links have a pivotal connection with each other at 11 and 12. It is designed to provide between all of the parts at points where they have a pivotal connection the disks or plates 13. With the parts assembled as described and shown in Fig. 1 it is readily apparent how this frame-support comprising said parts may be extended or collapsed for the purpose herein, and I have provided means for preventing any sagging of this frame when it is extended and in addition providing for the support of the inner end of the frame, whereby it may have a swingable connection with a wall, dresser, or other desirable and convenient support. This consists in the provision of a frame extension or bar 14, provided with an elongated slot 15, by means of which the said bar may be slidably connected with the pivotal point 12 of the parts 7 and 8. The outer end of said bar 14 has a pivotal connection at 16 with oppositely-disposed links 17, whose free ends have a pivotal connection at 18 with the parts 7 and 8 intermediate their pivotal points 10 and 12, as herein shown. The outer end of the bar 14 is provided with a pin 19, bearing at right angles thereto, which is shown rotatably mounted on frame part 20, adapting the parts 1 and 2 in their connection with each other to have a swingable relation with the frame part 20 by means of the pin 19.

Referring to the pivotal point 11 of the parts 5 and 6, the same comprising the stud portion 21, having the enlargement 22 and the socket portion 23. The stud portion 21 is passed through the parts 5 and 6, and a disk 13, separating the same and the end of the stud 21, is secured in a suitable manner in the socket 23.

It is designed in connection with the frame parts herein illustrated and described to suspend a mirror that shall have a detachable connection with the said frame and have a swivel connection with its support that it may be swung thereon and also that the mir-

ror-frame may have frictional engagement with parts of its swivel-support for easy adjustment thereon.

24 indicates a spring frame or wire support 5 formed from a single piece of wire bent into suitable form, with the vertical portions and the substantially circular or ball-shaped portion 26, the horizontal and oppositely-extended portions 27, having coiled spring portions 28 and the depending portions 29, with 10 the right-angled short stud portions 30, adapted for frictional engagement with sockets 31 in a mirror-frame 32, designed to be supported thereby. This frame 24 has a swivel connection with a wire frame 35, having the parallel portion 36 coiled around the portion 35 of the frame 34 beneath its head 26, and 15 their upper free ends have a spring-loop 37, adapted for detachable connection with the depressed portions of the enlargements 22 and 23 of the pivotal point 11, hereinbefore described. This arrangement of mirror and 20 its support insures that the main frame therefor may be extended a suitable distance, the mirror tipped into desirable positions or swung on the support by which it is suspended by means of the swivel connection herein shown or the frame for suspending said mirror detached from the main frame when de- 30 sired, which, as will be seen, makes it very convenient when shipping the device, and such a collapsible frame as herein provided, with the manner of supporting the same and anchoring it to prevent sagging, may be used 35 for other and various purposes than that for which it is intended herein, and I do not wish to be confined to the arrangement and construction of the device as shown, as details may be resorted to without departing from 40 the spirit of invention herein.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. A hanger or support, composed of a 45 multiplicity of parts having a pivotal relation with each other and forming a collapsible frame having the pivot 12, a swinging support for such frame comprising a slotted bar with which the pivot 12 has a sliding relation 50 and anchoring-arms between one end of the bar and parts of the collapsible frame, substantially as described.

2. A hanger or support, composed of a multiplicity of parts having a pivotal relation 55 with each other and forming a collapsible frame having the pivot 12, a swinging support for such frame comprising a slotted bar with which the pivot 12 is longitudinally slidable, the anchoring-arms 17 between a point

16 with the bar and 18 of the collapsible 60 frame, and means of the outer free end of the bar having connection with a suitable support, substantially as described.

3. A hanger or support, composed of a multiplicity of parts having a pivotal relation 65 with each other and forming a collapsible frame having the pivot 12, a swinging support for such frame comprising a slotted bar with which the pivot 12 has a sliding relation, anchoring-arms 17 between one end of the 70 bar and parts of the collapsible frame adapted to hold the frame centered when extended, and a mirror-support having a swivel connection with the outer end of the collapsible frame, all substantially as described. 75

4. In a device of the class described, the combination of the parts 7 and 8 of a lazy-tongs frame, a bar having an elongated slot with which the inner ends of the parts 7 and 8 have a pivotal slidable relation, and anchoring-arms having a common pivotal connection with the bar within the body of the 80 frame and their opposite ends pivotally attached to parts 7 and 8, substantially as described. 85

5. In a device of the class described, the combination with the parts 1 and 2, of a lazy-tongs frame, of parts 7 and 8 having their inner ends pivoted together, a swingable bar having an elongated slot through which the 90 pivot of the inner end of parts 7 and 8 is carried and in which it has longitudinal bearing, and the anchoring and centering arms 17 having pivotal connection with the parts 7 and 8 between their pivotal connections with 95 each other and the parts 1 and 2 and having connection at 16 with the bar, all substantially as described and shown.

6. In a device of the class described, the combination with parts 1 and 2 of a lazy-tongs 100 frame having disks 13 between their pivotal points, the bar 14 adapted for swingable connection with a suitable support and slotted as at 15, the parts 7 and 8 pivoted to each other to slide in such slot and at their opposite ends pivoted at 9 to the lazy-tongs, the 105 arms 17 having connection with the slotted bar and the arms 7 and 8 combined with the bar as an anchoring device, and a swivel support from the opposite end of the frame to 110 which has swivel connection a mirror, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES N. LANGDON.

Witnesses:

CHAS. W. LA PORTE,
CHAS. F. BAILEY.