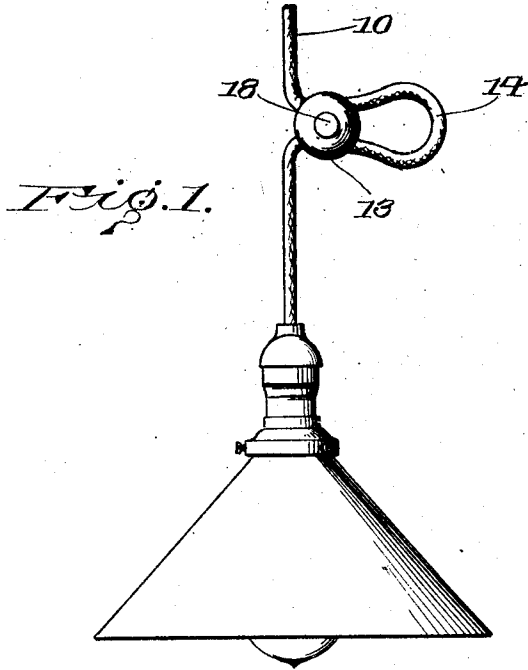
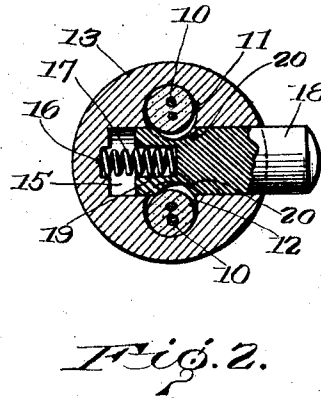
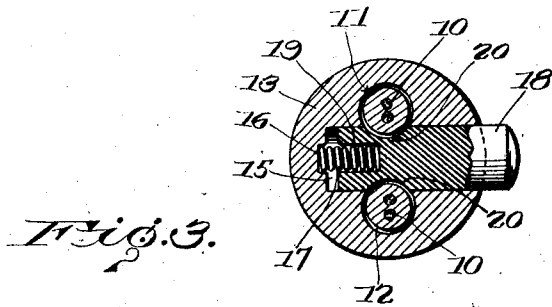


J. FREEBERG.
DROP LIGHT ADJUSTER.
APPLICATION FILED NOV. 17, 1920.

1,379,093.

Patented May 24, 192.



Witness

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DROP-LIGHT ADJUSTER.

1,379,093.

Specification of Letters Patent.

Patented May 24, 1921.

Application filed November 17, 1920. Serial No. 424,717.

To all whom it may concern:

Be it known that I, JOHN FREEBERG, a citizen of the United States, residing at Brooklyn, in the county of Kings, State of New York, have invented certain new and useful Improvements in Drop-Light Adjusters; 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.

This invention relates to new and useful improvements in adjusting devices and particularly to devices for adjusting electric light wires of drop lights.

One object of the invention is to provide a device of this character by means of which the wire can be easily and quickly lengthened or shortened and which will be maintained in adjusted position against slipping.

Another object is to provide a device of this character which is simple in construction, and hence rendered cheap to manufacture, and formed of few parts, whereby the device is rendered easy to operate.

Other objects and advantages will be apparent from the following description when taken in connection with the accompanying drawing.

In the drawing:

Figure 1 is a side elevation of the invention in position on the wire of a drop light.

Fig. 2 is an enlarged sectional view through the device and wires in the normal gripping position.

Fig. 3 is a similar sectional view showing the button pressed inwardly to release the wire and permit sliding thereof through the block.

Referring particularly to the accompanying drawing, 10 represents the wire of an electric drop light in connection with which the invention is used. The wire 10 is passed through the two parallel passages 11 and 12 in the spherical block 13, so that a loop 14, formed in the wire, extends from one side thereof. Formed transversely through the block, at right angles to passages, and passing therebetween, is a third passage 15, this passage, however, passing only partially through the block, and terminating at its inner end in a seat 16 in which is secured the inner end of a coil spring 17. The sides of the passage 15 communicate with the intermediate portions of the passages 11 and 12, and disposed slidably in the passage 15 is a

hard rubber plunger 18, having a cavity 19 in its inner end in which is received the coil spring 17. In opposite sides of the plug there are formed the curved recesses 20 through which the portions of the wire 10 readily slip when the plunger is pressed inwardly against the tension of the spring, and which bind their walls against the wire, under the outward pressure of the spring, when the plunger is released. A portion of the plunger projects from the outer face of the block and is arranged to be pressed in by the finger or thumb of the hand of the operator. Thus, by pressing inwardly on the plunger, the wire will be released and permitted to be readily and easily slipped through the block to the desired point of shortening or lengthening of the wire, for the purpose of regulating the height of the lamp on the wire. When the plunger is released the walls of the recesses 20 bind against the wire and prevent slipping thereof through the block.

What is claimed is:

1. A cord adjuster consisting of a block having transverse parallel wire receiving passages therethrough, and a transverse passage at right angles to and between the parallel passages, a plunger in the last-named passage having transverse recesses in its opposite sides, and resilient means normally urging the plunger in position to bind the walls of its recesses against the wires, said plunger being movable to register its recesses with the parallel passages to permit the wires to slide therethrough.

2. A cord adjuster consisting of a block having a pair of parallel passages therethrough, a third passage transversely through the block and intermediate the first passages and communicating intermediately with said passages, a plunger slidably disposed in the last passage and having recesses on opposite sides arranged to line up with the parallel passages at times and a recess in the inner end thereof, and a spring in the inner end of the last passage and engaged in the recess of the plunger to normally urge the plunger in such position that its recesses are out of register with the parallel passages.

3. A droplight cord adjuster comprising a block having wire receiving passages therethrough, and a resiliently held plunger having recesses arranged to register at times with the passages to permit the wires to slide

therethrough and to bind the walls of the recesses against the wires.

4. A drop-light cord adjuster comprising a block having transverse parallel passages
5 therethrough and a passage extending at right angles thereto and between said passages with communication therewith, a plunger slidable in the last-named passage having transverse recesses in its opposite sides
10 and normally spring held with one wall of each of its passages in binding contact with

the wires of the cord in the parallel passages, said plunger being movable through the passage to aline its recesses with the parallel passages to permit the wires to slide through 15 the passages and recesses.

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

JOHN FREEBERG.

Witnesses:

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