

Feb. 6, 1940.

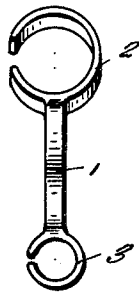
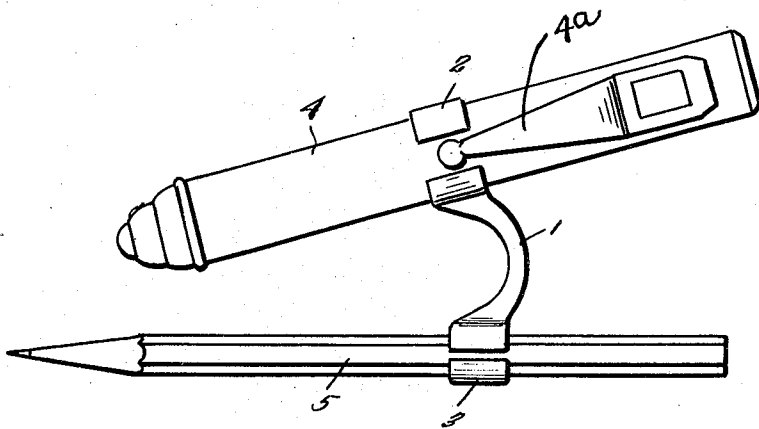
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2,189,715

CONNECTOR YOKE FOR FLASHLIGHTS

Filed Sept. 19, 1938

*Fig. 1.*



*Fig. 2.*

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# UNITED STATES PATENT OFFICE

2,189,715

## CONNECTOR YOKE FOR FLASHLIGHTS

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Application September 19, 1938, Serial No. 230,672

### 1 Claim. (Cl. 24—81)

This invention relates to a connector yoke for flashlights, the general object of the invention being to provide a yoke for connecting a flashlight to a pencil, tire tester or other object, in such a manner that the rays of light from flashlight will illuminate the operative end of the object and the member being operated upon.

Another object of the invention is to so form the yoke that it can be adjusted on both the flashlight and the pencil or other object held by the yoke and the yoke can be entirely removed from the flashlight and other object.

Another object is to so construct the yoke that it will hold the parts in such a position that the entire unit can be readily carried in the pocket of a garment.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts to be hereinafter fully described, illustrated in the accompanying drawing and specifically pointed out in the appended claim.

In describing the invention in detail, reference will be had to the accompanying drawing wherein like characters denote like or corresponding parts throughout the several views, and in which—

Figure 1 is a view showing the yoke as connecting a flashlight with a pencil.

Figure 2 is an end view of the yoke.

The drawing shows the invention used with a pencil but it is to be understood that it may be used with a tire tester or any other suitable object. In this drawing the numeral 1 indicates an arcuate shank of substantially U-shape gradually increasing in size toward the ends thereof with a large split spring ring, or sleeve, 2 at one end of the shank for receiving the flashlight and a small split spring ring, or sleeve 3 at the other end thereof for receiving the pencil. These rings extend outwardly from opposite ends of the shank, respectively, in axially converging relation so that the two designated objects passing through the rings converge forwardly as shown in Figure 1, if the shank 1 is disposed in rearwardly bowed position relative to the said two objects.

The flashlight 4 with which the invention is more particularly concerned is of the pocket type having the usual lengthwise extended retaining clip 4a thereon. The pencil, designated 5, need merely be identified in passing. Obviously both flashlight 4 and the pencil 5 may be adjusted

longitudinally in the rings 2, 3 relatively, as desired and also removed from the rings when occasion may require. In connection with the flashlight-receiving ring 2, it is to be noted that the said ring is of the proper diameter to receive the clip 4a of the flashlight 4 in the split of the ring, whereby said light may be anchored to said ring against turning therein. As will also be noted, the rearwardly bowed shank 1 provides a convenient finger-grip for sliding the connector rearwardly on the pencil 5 into selected positions.

When the device is used with a pencil, the pencil is adjusted to a position which will permit the hand of the user to properly grasp the pencil between the point and the ring 3 and the flashlight is adjusted so as to properly center the light on the work where the work is engaged by the point of the pencil. The curve of the shank 1 and the arrangement of the rings 2 and 3 properly hold the two objects so that the object 5 can properly perform the work intended while the work piece and the operative end of the object 5 is illuminated.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combination and arrangement of the several parts provided that such changes fall within the scope of the appended claim.

Having described the invention, what is claimed as new is:

A connector for use on a pencil to secure a pocket flashlight thereto having a lengthwise extending clip thereon, said connector comprising a bar-like shank terminating in a pair of split resilient sleeves at opposite ends thereof, respectively, of relatively different diameters for clampingly and slidably receiving the pencil and flashlight, respectively, said sleeves being disposed in axially converging relation to direct the beam from said light onto the point of the pencil, and the flashlight-receiving sleeve being of a diameter to receive the clip of said light in the split thereof whereby said light may be anchored to said sleeve against turning therein, and said shank being bowed to curve rearwardly and provide a convenient finger-grip for sliding the connector rearwardly on the pencil into selected position.

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