

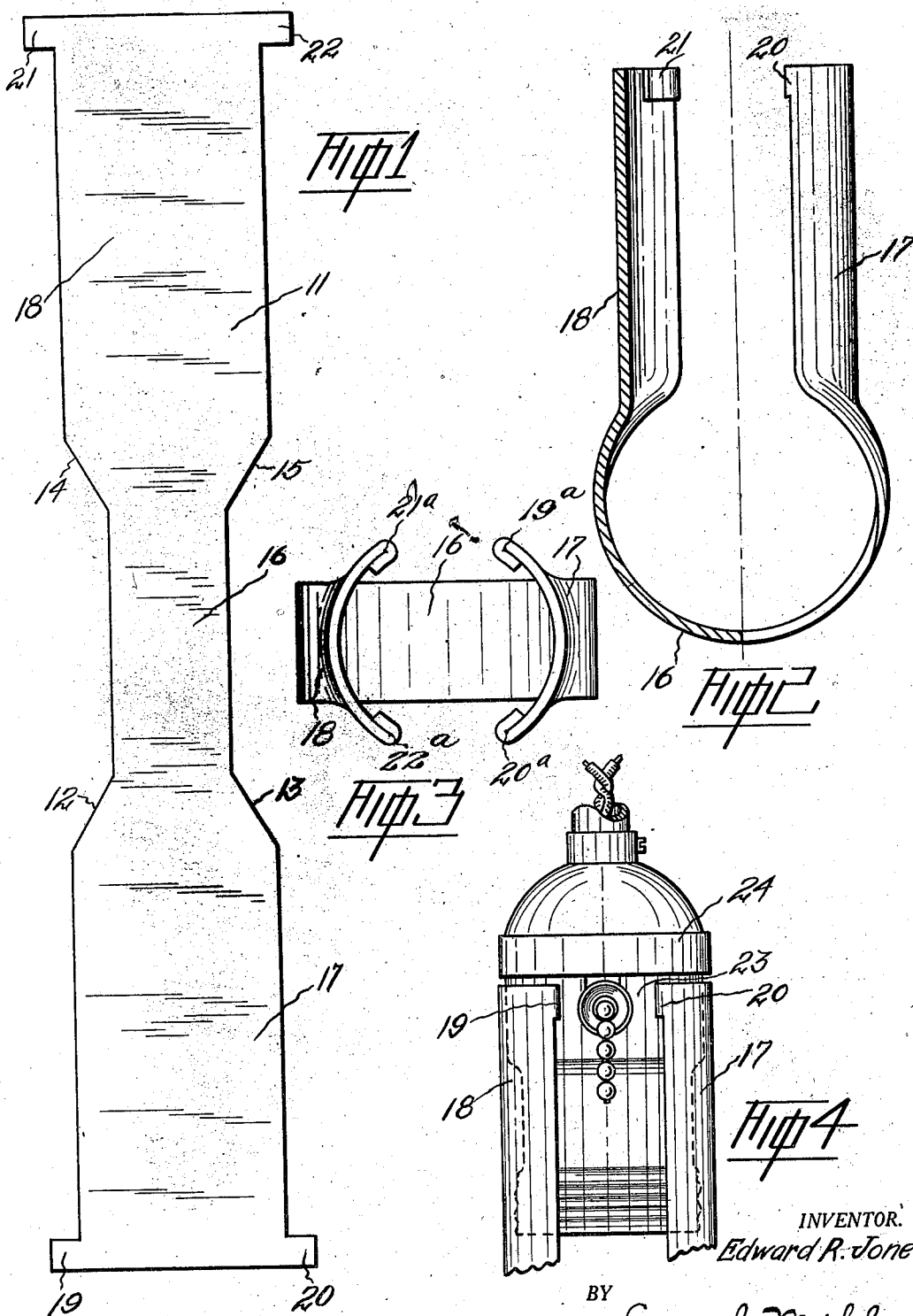
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SOCKET CAP REMOVER

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UNITED STATES PATENT OFFICE.

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SOCKET-CAP REMOVER.

Application filed August 14, 1928. Serial No. 299,615.

This invention relates to tools and more particularly to a socket cap remover or device for the purpose of removing the cap member apart from a socket member, both of which members when assembled form a part of an electric light socket fixture.

An important object of the invention is to provide a device or tool of this character which has the necessary strength and which, at the same time, is relatively light in weight and may be inexpensively manufactured from a single strip of spring steel material.

Another object of my invention is to provide a tool whereby the cap member may be removed or separated by a slight amount of pressure by the operator to the electric light socket member, when the tool or device is applied or brought into pressure operation against the outer surface of the socket member.

These and other objects are attained by the construction shown in the accompanying drawings, in which the same reference characters indicate the same parts in all of the views.

Figure 1 is a plan view of a blank of spring steel material, comprising the socket cap remover.

Figure 2 is an elevational view partly in section of the formed socket cap remover tool.

Figure 3 is a plan view of the socket cap remover tool.

Figure 4 shows the manner of applying the arms of the tool to an electric light socket fixture prior to its separation.

Referring now more particularly to the drawings, the socket cap remover tool comprises at first a blank of spring steel 11 cut out to the form as shown in Figure 1, whereby, it will be seen that the blank member 11 is essentially a relatively long rectangular strip member with the intermediate portion thereof tapered at 12, 13, 14 and 15 so that handle 16 is made of proper width in order to facilitate the hand gripping thereof. The opposing resilient arms 17 and 18 are inte-

grally formed with the handle 16 and at the diagonal ends of the blank member 11, the lugs or ears 19, 20, 21 and 22 are likewise formed integrally thereon, so that the tool or device is but of a single unitary structure. Each of these ears 19, 20, 21 and 22 are then doubled over upon itself at 19^a, 20^a, 21^a and 22^a and the arms 17 and 18 are also partly rounded or convexed in configuration so that they may properly encompass a convex object, like that of an electric light socket fixture as shown in Figure 4, when applied thereto. A curvature bend at the midway section of the blank 11 is now made so that the handle 16 formed thereby may be conveniently grasped and manipulated by the operator to transmit pressure through the arms 17 and 18 due to the abutment of the ears 19, 20, 21 and 22 contacting against the outer circumference of the electric light socket 23, thereby causing said electric light socket 23 to separate from the cap member 24, for disassembling purposes. These doubled over ears are likewise rounded or convexed to assure good abutment contact when applied against an object as just described.

It is to be understood that by describing in detail herein any particular form, structure, or arrangement, it is not intended to limit the invention to such specific structure except as hereinafter claimed.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:—

A socket cap removing device comprising a single piece of spring steel stripping bent to form substantially parallel but convexed arms, convexed lugs or ears extending integrally from the diagonal corners of said device, said lugs or ears being folded over thereby serving as contacts therewith and another convex object that may be applied against it, and as for the purpose described.

In testimony whereof I affix my signature.

EDWARD R. JONES.