

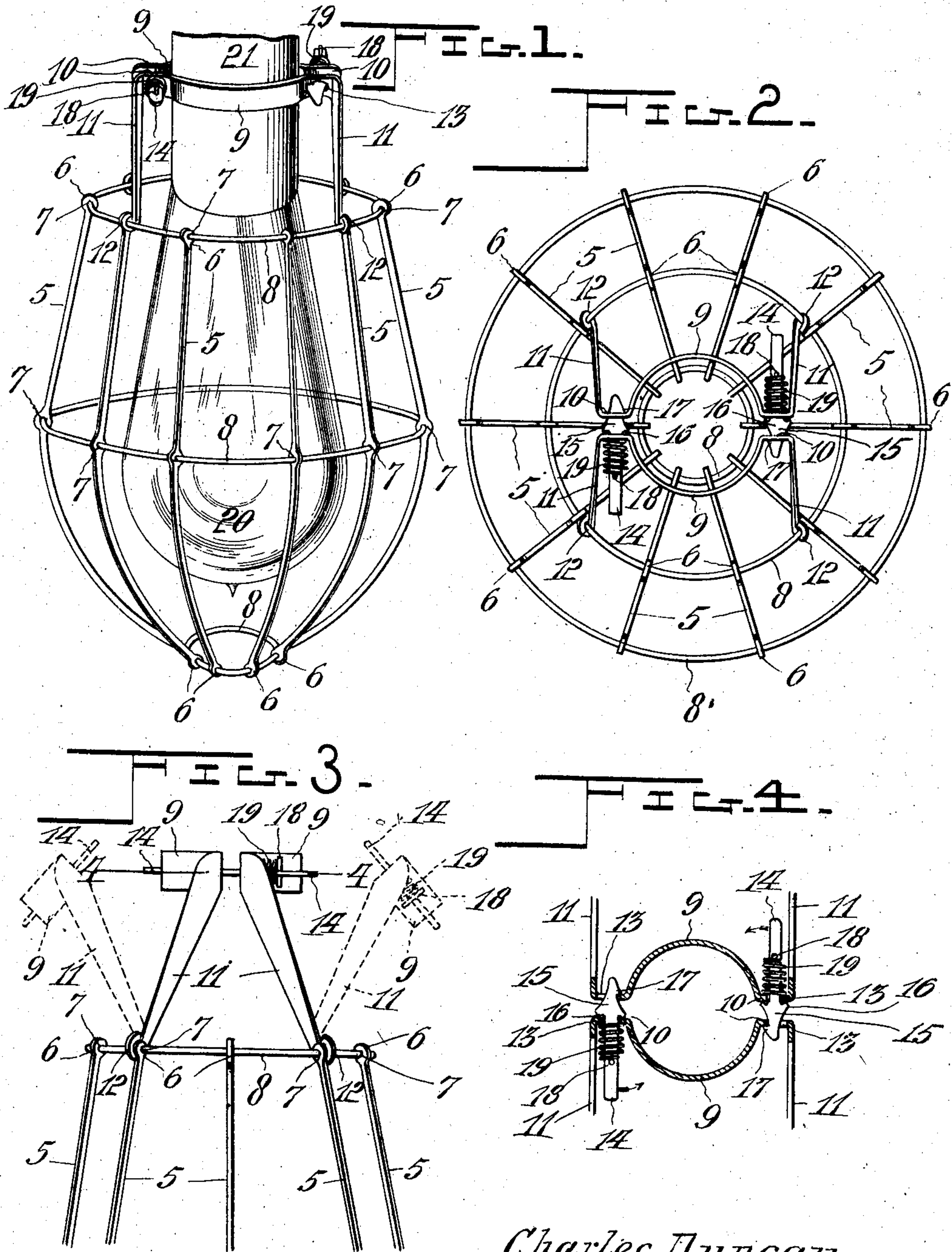
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C. DUNCAN.

BASKET FOR INCANDESCENT ELECTRIC LIGHT BULBS.

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Witnesses:

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UNITED STATES PATENT OFFICE.

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BASKET FOR INCANDESCENT-ELECTRIC-LIGHT BULBS.

No. 834,664.

Specification of Letters Patent.

Patented Oct. 30, 1906.

Application filed December 7, 1905. Serial No. 290,679.

To all whom it may concern:

Be it known that I, CHARLES DUNCAN, a subject of the King of Great Britain, residing in the city and district of Montreal, in the Province of Quebec, Canada, have invented certain new and useful Improvements in Baskets for Incandescent-Electric-Light Bulbs; and I do hereby declare that the following is 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.

My invention relates to protecting-coverings for incandescent-electric-light bulbs.

The object of my invention is to provide a covering which may readily and easily be detached and secured on such bulbs.

A further object of my invention is to provide a spring-actuated locking means on such devices.

A further object of my invention is to provide a simple and economical construction, which may be stamped from sheet metal; and my invention consists of the construction, combination, and arrangement of parts, as herein illustrated, described, and claimed.

In the accompanying drawings, forming part of this application, I have illustrated one form of embodiment of my invention, in which drawings similar reference characters designate corresponding parts, and in which—

Figure 1 is a perspective showing the application of my invention. Fig. 2 is a plan view of the protecting-basket of my invention. Fig. 3 is a fragmentary detail, in side elevation, showing the movable parts in two positions; and Fig. 4 is a fragmentary detail, in horizontal section, taken approximately on line 4 4 of Fig. 3.

Referring to the drawings, 5 designates a plurality of ribs, preferably formed from sheet metal and bowed outwardly from a vertical plane. At their ends and intermediate thereof the members 5 are provided with enlargements 6, through which are provided openings 7, adapted to receive the annular members 8, said members 8 being fixed to the members 5 by any suitable means, as a small body of solder.

Disposed adjacent the upper end of the basket constructed as described is a pair of semi-annular members 9, provided with integral squared shoulders 10, having thereon integral arms 11, which arms terminate at

their lower ends in hooks 12, and which shoulders 10 are provided with openings 13.

Disposed through the opening 13 on one side of each of the shoulders 10 is a locking-finger 14, provided with a head 15 and provided with integral shoulders 16, adapted to contact against the adjacent shoulder 10. Forming an integral continuation of the head 15 on each of said fingers 14 is an offset hook 17, adapted to engage in the opening 13 of the opposite semi-annular member 9. Intermediate of its ends each of the locking-fingers is provided with an offset or pin 18, adapted to receive the thrust of one end of a helical spring 19, disposed on each of the locking-fingers 14, the opposite end of this spring thrusting against the adjacent squared shoulders 10 of the semi-annular members.

In the operation of my invention the clamping members are thrown to the position shown in dotted lines in Fig. 3. An incandescent bulb 20 is then inserted in the basket, and the clamping members are actuated back to the position shown in full lines in all of the figures of the drawings, so that the neck 21 of the incandescent bulb 20 is closely engaged by the semi-annular members 9, and the hooks 17 engage through the openings 13, formed in the squared shoulders 10 of said semi-annular members 9. To release the bulb from the basket, the locking-fingers 14 are actuated in the direction indicated by the arrows in Fig. 4, whereby tension of the springs 19 is overcome and the offset hooks 17 are disengaged from the openings 13. It will be understood that the hooks 12 are of a size to loosely engage the upper annular member 8, so that the clamping members are pivotally secured to the basket.

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

1. In a device of the character described, a protecting-basket, means for attaching the basket to an annular body comprising a pair of semi-annular members provided with squared shoulders and integral arms terminating in hooks, and locking members.

2. In a device of the character described, a protecting-basket, oppositely-disposed clamping members pivotally secured to the basket and provided with openings therein, and locking means comprising locking-fingers each provided with offset shoulders and a

hook disposed through the openings in the clamping members, and a spring on each locking-finger.

3. In a device of the character described,
5 a protecting-basket, oppositely-disposed clamping members pivotally secured to the basket and provided with openings therein and locking means comprising locking-fingers
10 disposed through the openings in the clamping members, a spring on each locking-finger and a pin on each locking-finger adapted to receive the thrust of one end of each of said springs.

4. In a device of the character described,
15 a protecting-basket, clamping members pivotally secured to the protecting-basket and each provided with a semi-annular portion, provided with squared shoulders adjacent

the semi-annular portion and provided with openings through the squared shoulders, and 20 provided with integral arms extending from said squared shoulders and having hooks on the lower ends thereof, locking members disposed through the said openings, provided with shoulders adapted to contact against 25 the squared shoulders of the clamping members and each provided with a hook on one end, a helical spring on each locking member, and a pin on each of said members adapted to receive the thrust of its spring. 30

In witness whereof I have hereunto set my hand in the presence of two witnesses.

CHARLES DUNCAN.

Witnesses:

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C. FACOMPRES.