

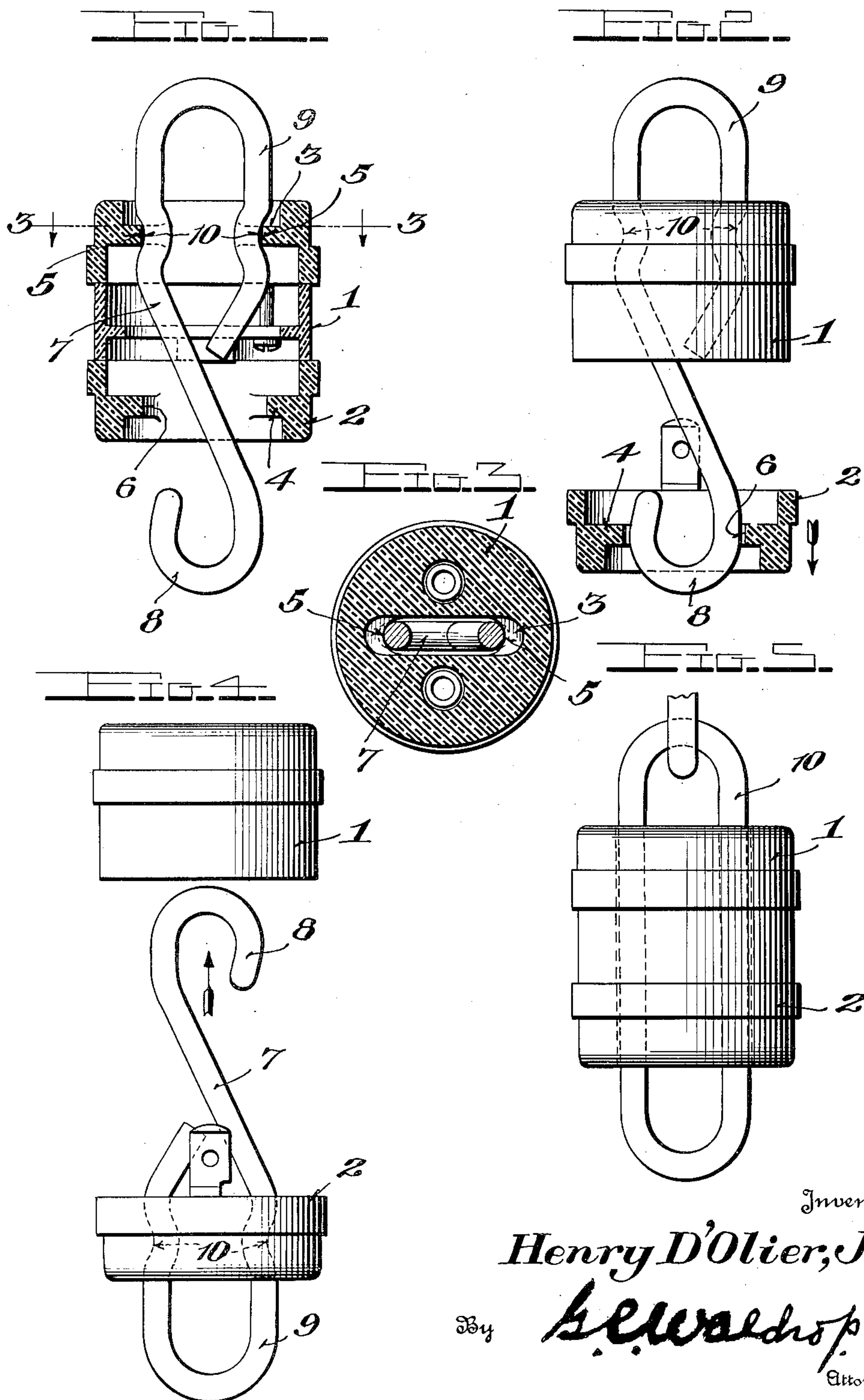
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CONNECTER SUPPORT

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CONNECTER SUPPORT

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This invention relates to connector supports, and more particularly relates to a connector of the separable type having plugging contacts, combined with means for supporting the connector from an overhead support and at the same time for supporting a lighting fixture or the like from below the connector.

The primary object of the invention is to provide a device of this character wherein a hook or like member is employed adapted to be secured to the ceiling and to in turn have the chain or other support of a lighting fixture secured thereto, which member is formed so as to receive and releasably support the connector, and at the same time to enable the connector to be reversibly supported, so that either section thereof can be connected to or supported by the hook, or like member.

In the drawing:—

Fig. 1 is a vertical sectional view of a connector, showing the supporting member in side elevation;

Fig. 2 is a view partly in side elevation and in section, showing the lower connector section released from the upper section;

Fig. 3 is a section on line 3—3 of Fig. 1;

Fig. 4 is a side elevation, showing the hook reversed and supporting the lower section as distinguished from Figs. 1 to 3, wherein the hook is supporting the upper section, and

Fig. 5 is a side elevation of a modified form of the invention.

In proceeding in accordance with the present invention, a connector is employed which has two separable sections, the sections designated 1 and 2 having the usual plugging contacts. Each section is formed with a transverse web preferably of integral construction, which webs, designated 3 and 4, are provided with elongated slots 5 and 6 thereby providing end walls. It will be understood in this regard, that the two webs and slots are identical in construction for a purpose later described.

A lighting fixture suspension member 7, received through the connectors is provided, and which may be in the form of a section of wire which is bent to form a hook 8 on one

end of the wire and a loop-like part 9 on the other end of the wire. The sides of the loop 9 are indented or bent or bowed inwardly at 10, to form concaved seats which latter, due to the inherent resiliency of the wire can be forced or snapped into engagement with the end walls of the slots 5 or 6, and in this regard it will be noted that due to the slots 5 and 6 being of similar construction, the seats 10 can be engaged with the end walls of either slot, thereby providing for reversibility of the member 7, enabling same to be snapped into engagement with or secured to either the connector section 1 as depicted in Figs. 1 and 2, or secured to the connector section 2, as illustrated in Fig. 4.

Thus, the invention enables the suspension member to be interchangeably secured to either connector section, as desired, so that in the use of Fig. 1, the loop 9 is secured to the ceiling and the fixture supported from hook 8, or in the use of Fig. 4, the member is supported by its hook 8 from the ceiling and the fixture from the loop 9.

In the modified form of the invention illustrated in Fig. 5 it will be noted that a link-like supporting member 10 is employed, which member has straight parallel sides, the latter being formed so as to pass freely through the slots in the connector members 1 and 2 although it may also be formed to have close frictional engagement with the end walls of the slots 5 and 6, if desired, thus enabling the reversibility of the sections 1 and 2, as described in connection with the preferred form of the invention. It will also be noted that with the link 10 being formed to pass freely through the slots no force is required to effect such passage through to provide ready assembly of the parts and engagement with the fixture or the ceiling support. In the form of Fig. 5, it will be apparent that each of the ends of the member 10 is alike and that such ends can be interchangeably used in supporting the member from the ceiling and in supporting the lighting fixture therefrom.

What is claimed is:—

1. In combination with a pair of separable connector sections each having a web formed

with an elongated slot providing end walls,
a member extending through the connector
and having a loop on one end the opposite
sides of which are formed with concave seats
5 formed to be snapped into engagement with
the end walls defining the slots of either con-
nector section, and a hook on the other end
of the member extending beyond the ad-
jacent connector section.
10 2. In combination with a pair of separable
connector sections each having a web formed
with an elongated slot providing end walls, a
member extending through the connector and
having a loop on one end, the opposite sides
15 of which are formed with concaved seats
formed to be snapped into engagement with
the end walls defining the slots of either con-
nector section, and means on the other end of
the member extending beyond the adjacent
20 connector section to support a lighting fix-
ture.

In testimony whereof I affix my signature.
HENRY D'OLIER, JR.

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