

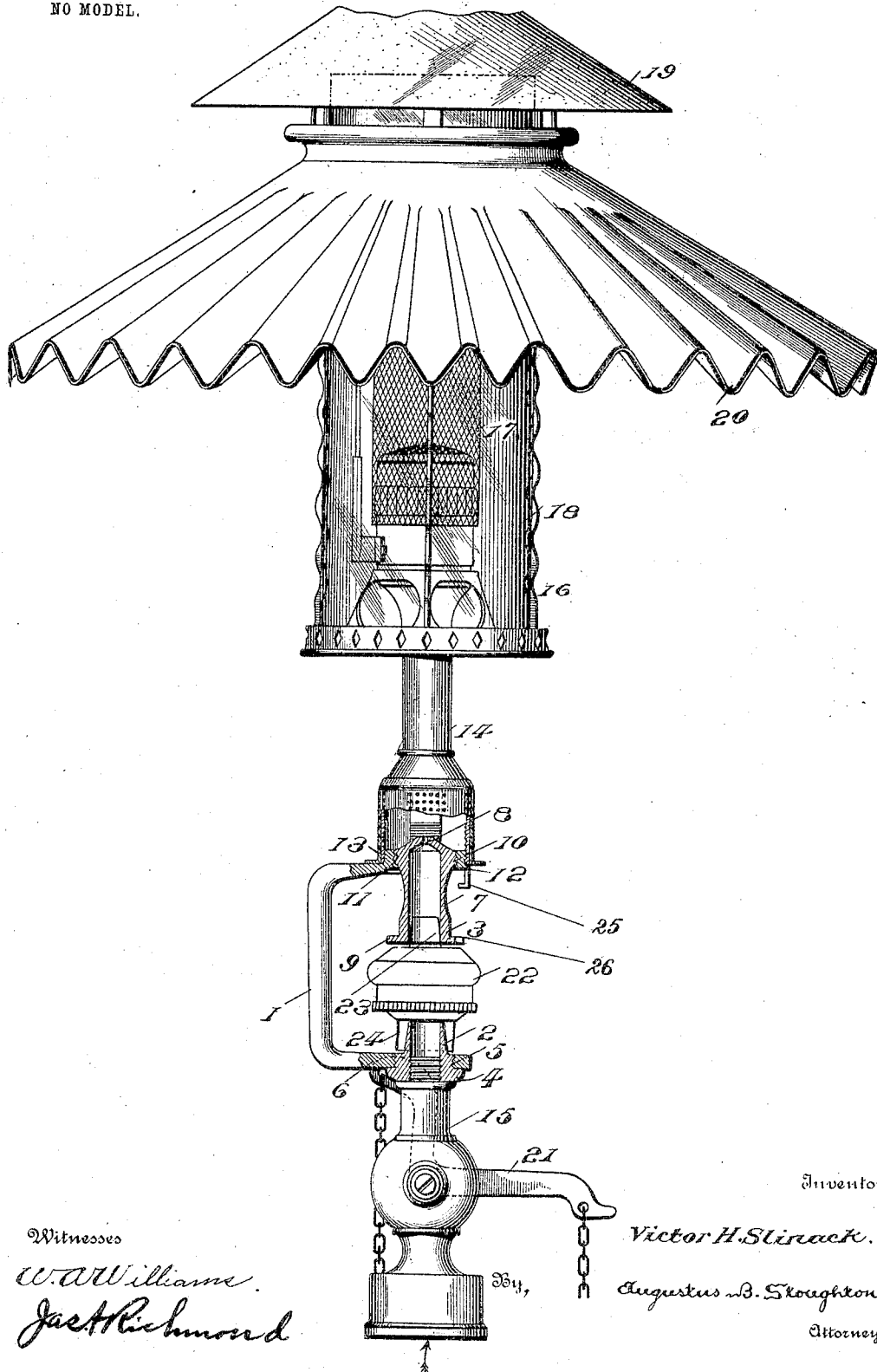
No. 776,361.

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V. H. SLINACK.
FIXTURE FOR LIGHTS.

APPLICATION FILED APR. 21, 1904.

NO MODEL.



Witnesses

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FIXTURE FOR LIGHTS.

SPECIFICATION forming part of Letters Patent No. 776,361, dated November 29, 1904.

Application filed April 21, 1904. Serial No. 204,172. (No model.)

To all whom it may concern:

Be it known that I, VICTOR H. SLINACK, a citizen of the United States, residing at the city of Philadelphia, in the county of Phila-
delphia and State of Pennsylvania, have in-
vented certain new and useful Improvements
in Fixtures for Lights, of which the following
is a specification.

Objects of the present invention are to pro-
vide for the use of automatic gas-regulators
on gas-lights, to provide for the quick and
ready removal of a defective or inactive reg-
ulator and for its replacement by an operative
regulator, and to protect the glassware, man-
tle, and other parts that may be present from
accidental injury, such as might and probably
would occur if they had to be handled or re-
moved while the change of regulators is ef-
fected.

To these and other ends hereinafter set forth
the invention, stated in general terms, com-
prises a carrier interposed between the gas-
supply and superstructure of the burner and
provided with couplings or connections for
detachably engaging the regulator; and the
invention further comprises the improvements
to be presently described and finally claimed.

The nature, characteristic features, and
scope of the invention will be more fully un-
derstood from the following description, taken
in connection with the accompanying draw-
ings, forming part hereof, and in which the fig-
ure is a side view, principally in section, illus-
trating a carrier embodying features of my in-
vention in application to a gas-light.

In the drawing, 1 is a carrier provided with
couplings or connections 2 and 3. The coup-
ling 2 consists of an externally-beveled pro-
jection rising from a bolt-head 4 and thread-
ed, as at 5, for engagement with a thread
formed on a ring 6, in which the lower por-
tion of the arm terminates. The coupling or
connection 3 consists of a thimble 7, provided
with a gas-orifice 8 and with a milled edge 9
and externally-threaded portion 10. The ex-
ternally-threaded portion 10 engages with a
thread 11, formed on the inside of a ring 12,
formed or provided at the upper portion of

the carrier 1. This ring 12 is provided with
a thread 13 for the reception of the Bunsen
tube 14, and the bolt-head 4 is threaded for
the reception of the base or gas-supply 15 of
the burner. This Bunsen tube carries the gal-
lery 16, the mantle 17, and the various ac-
cessories when present, such as the chimney
18, the chimney-cover 19, and the glass shade
20. The gas-supply 15 may be provided with
the valve or cock 21.

22 is an automatic gas-regulator provided
with members 23 and 24 of couplings.

In use the thimble may be screwed upward
so that its thread clears the ring 12, and it
may then be lifted and by interlocking the
members 25 and 26 of a bayonet-joint held
up, so that the member 24 of the regulator can
be placed upon the projection 6, whereupon
the thimble 9 can be dropped over the coup-
ling member 23 and then turned so that its
thread engages the thread on the ring 12, and
in this way the regulator is connected or cou-
pled in position. By again screwing the thim-
ble 7 clear of the thread on the ring 12 the
thimble can be lifted and the regulator readily
removed.

The joints for the coupling may be ground,
if desired, and they are easily made tight by
turning the thimble, as described.

From the foregoing description it is appar-
ent that a defective or inoperative regulator
may be readily removed and replaced by an
operative one. This is important, because the
change is often required to be made in dark-
ness or in positions exposed to the wind and
weather, and, furthermore, the change is made
without removing or in any way disturbing
the fittings of the superstructure, which, es-
pecially the mantle, are fragile, and they are
therefore protected from breakage and injury.

It will be obvious to those skilled in the art
to which my invention appertains that modi-
fications may be made in details without de-
parting from the spirit thereof. Hence I do
not limit myself to the precise construction
and arrangement of parts hereinabove set
forth, and illustrated in the accompanying
drawings; but,

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

1. A carrier provided with means for attaching it between a Bunsen tube and a gas-supply and with a projection constituting one member of a coupling and with a thimble constituting the other member of a coupling and having screw and thread connection with the carrier, substantially as described.

2. A carrier provided with two rings, a bolt-head adapted for attachment to a gas-supply and screwed into one of said rings and provided with a tapered projection constituting a coupling member, and a thimble constituting a coupling member and provided with a gas-orifice and with an external thread for engaging and disengaging a thread on the other ring, substantially as described.

3. A carrier provided with means for attaching it between a Bunsen tube and a gas-supply and with coupling members arranged

the one above the other with a space between, substantially as described.

4. In combination a carrier having arms provided with coupling members, and an automatic gas-regulator arranged between said arms and provided with coupling members adapted to cooperate with the first-mentioned coupling members, substantially as described.

5. The combination of a carrier provided with arms having coupling members, a gas-regulator interposed between the arms and having coupling members cooperating with the first-mentioned members, a burner-base which supports the carrier, and a superstructure including a mantle supported on the carrier, substantially as described.

In testimony whereof I have hereunto signed my name:

VICTOR H. SLINACK.

Witnesses:

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