

**CUSTOM ASSEMBLY LIGHT-EMITTING MODULE USING
PLUGS AND JACKS FOR OBTAINING VERTICAL
ELECTRICAL CONNECTIONS**

ABSTRACT

5 A custom assembly light-emitting module using plugs and jacks for
obtaining vertical electrical connections, includes a light-emitting unit, a lens
unit, a plug unit and a jack unit. The lens unit is detachably combined with the
light-emitting unit. The plug unit is disposed beside one side of the lens unit
and electrically connected with the light-emitting unit. The jack unit is disposed
10 on a bottom side of the plug unit and electrically connected with the plug unit.
In addition, the light-emitting unit has two first retaining structures being
formed on two opposite lateral sides thereof, the lens unit has a hollow
transparent structure and a lens integratedly with the hollow transparent
structure, two second retaining structures are disposed in the hollow transparent
15 structure, and the light-emitting unit is detachably disposed in the hollow
transparent structure.

Fig. 3A accompanies the abstract.