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ABSTRACT

**TITLE OF INVENTION: LENS CONTAMINATION PREVENTIVE
DEVICE OF LIGHT-BEAM HEATER**

A lens contamination preventive device comprises a gas jetting device for jetting out gas and a gas suction device for suctioning gas which are disposed to face each other with respect to an optical axis of light emitted through a lens. The gas jetting device and the gas suction device are disposed so as to form a layer of gas jet stream in the vicinity of a surface of the lens. The gas jetting device has a gas jetting port a width of which is greater than a diameter of the lens. The gas suction device has a rate of suction greater than a rate of jet from the gas jetting device.

Figure 1.

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