

**OPTICAL DEVICE, OPTICAL SYSTEM, METHOD OF PRODUCTION OF
SAME, AND MOLD FOR PRODUCTION OF SAME**

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ABSTRACT OF THE DISCLOSURE

A first optical device according to the present invention comprises a base made of a first optical material and a second optical material having a refractive index different from that of the first optical material, and the base has a concavity, and the second optical material is filled in this concavity. A second optical device according to the present invention comprises a base made of a first optical material and a second optical material having a refractive index different from the first optical material, and the base comprises first and second faces facing each other, a first concavity is formed in the first face and a second concavity is formed in the second face, and the second optical material is filled in the first and second concavities.

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