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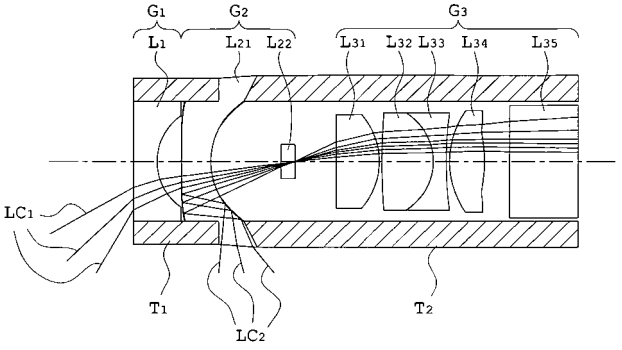
(54) OPTICAL ELEMENT AND OPTICAL UNIT USING THE SAME

(57) An optical element of the present invention is provide with a first surface which is formed on the front-object side and upon which light from the front-object side is incident, a second surface formed on the image side, and a third surface which is formed between the first surface and the second surface and upon which light from the generally lateral object side is incident. The first surface is provided with a first transmission surface formed around the optical axis and a first reflection surface which faces the image side and which is formed annularly around the first transmission surface. The second surface is provided with a second transmission surface formed around the optical axis, and a second reflection surface which faces the front object side and which is formed annularly around the second transmission surface.

FIG.1



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