

OPTICAL BODY, WALL MEMBER, FITTING, SOLAR SHADING DEVICE,
AND BUILDING

ABSTRACT OF THE DISCLOSURE

An optical body includes a substrate having a concave-convex surface, a reflecting layer formed on the concave-convex surface, and an optical layer formed on the reflecting layer to embed the concave-convex surface, wherein the reflecting layer directionally reflects light, the concave-convex surface is made up of a plurality of triangular pillars arrayed in a one-dimensional pattern, and the triangular pillar has an apex angle α and a slope angle β , the apex angle α and the slope angle β satisfying a formula (1) or (2) given below:

$$30 \leq \beta \leq 4.5\alpha - 285 \quad (70 \leq \alpha \leq 80) \quad \dots(1)$$

$$30 \leq \beta \leq -1.5\alpha + 195 \quad (80 \leq \alpha \leq 100) \quad \dots(2)$$

Figure 4A