

ABSTRACT

STACK

5 To provide a stack having a relatively low visible light transmittance suitable for use in low-latitude area and mid-latitude area and having durability suitable for independent use such as a single plate glass. A stack includes an optical multilayer film on a transparent substrate. The optical multilayer film includes at least a first silicon nitride layer, a first chromium-containing layer, a silver layer, a second
10 chromium-containing layer, and a second silicon nitride layer in order from the transparent substrate side, the silver layer contains silver as a main component and a metal selected from among Pd, Au, Cr, Co, Ni in a proportion of 0.1 weight% to 10 weight% to a total weight of silver and the metal. Each of the first chromium-containing layer and the second chromium-containing layer is composed of chromium, a nickel-chromium alloy, a
15 partial nitride of chromium, or a partial nitride of a nickel-chromium alloy. Each of the first chromium-containing layer and the second chromium-containing layer is formed to be in contact with the silver layer. The stack has a visible light transmittance of 40% to 65%.

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FIG. 1