

ABSTRACT

To provide a glass matching determination device that can determine whether the color of vision glass and that of spandrel glass match each other before the construction of a building. There is provided a glass matching determination device including a condition setter, a CG image generator, and a determiner. The condition setter sets an external condition to be used for generating each of multiple target computer graphics (CG) images of a building including vision glass and spandrel glass. The multiple target CG images are used for determining whether the vision glass and the spandrel glass match each other. The CG image generator generates the multiple target CG images. The determiner determines, based on a color difference between the vision glass and the spandrel glass in each of the multiple target CG images, whether a combination of the vision glass and the spandrel glass is suitable. The external condition for a first target CG image is set so that the vision glass and the spandrel glass in the first target CG image are exposed to direct sunlight. The external condition for a second target CG image is set so that the vision glass and the spandrel glass in the second target CG image are not exposed to direct sunlight.