

METHOD AND APPARATUS FOR MANUFACTURING
GLASS SUBSTRATE FOR STORAGE MEDIUM,
GLASS SUBSTRATE FOR STORAGE MEDIUM, AND
STORAGE MEDIUM

5

ABSTRACT OF THE DISCLOSURE

10 A method of manufacturing a glass substrate for a storage
medium by pressing a glass material between an upper and a lower
dies. The method includes a heating step of heating the glass
material arranged between the upper and lower dies, a pressing
step of pressing the heated glass material via the upper and
lower dies, and a cooling step of having, after the pressing
step, a cooling member contact the upper and lower dies to cool
15 them together with the molded glass material arranged between the
upper and lower dies. During the heating step and the pressing
step, a vacuum atmosphere is maintained in a space containing the
dies and the glass material. When the pressing step has
completed, an inert gas is filled in the space to set a pressure
20 in the space equal to an ambient pressure.

FIG. 1