

Liquid Crystal Material Applying Device and Method for Applying Liquid Crystal  
Material

ABSTRACT

5           This invention is intended to provide a liquid crystal material applying device  
for applying a liquid crystal material on a substrate comprising a liquid crystal storage  
unit 22 storing the liquid crystal material, an inner pressure control unit 16a, 17, 20 which  
is connected with the liquid crystal material storage unit 22 and controls an inner pressure  
of the liquid crystal material storage unit 22 to keep the inner pressure within a  
10 predetermined pressure range, and an application unit 11 which is connected with the  
liquid crystal material storage unit 22 and applies the liquid crystal material on the  
substrate through an inkjet head, wherein the inner pressure control unit comprises a gas  
supply section 18, 18a to supply an air or any other gas to the liquid crystal material  
storage unit 22 and a negative pressure supply section 17, 17a, 20 to supply a negative  
15 pressure to the liquid crystal material storage unit 22.

(Figure 4)