

deformation sections and the second channel being a transparent fluid channel operable to pass fluid discharged from the deformation sections;

a fluid pump unit operable to perform one of discharge of fluid at least to the fluid channel unit and suction of fluid at least from the fluid channel unit; and

a controller operable to control one of injection of the fluid to the deformation sections of the transparent panel unit and discharge of the fluid from the deformation sections of the transparent panel unit, according to an image to be displayed on the screen surface of the display panel unit.

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