

ABSTRACT

DISPLAY APPARATUS AND METHOD OF DISPLAYING USING
PROJECTORS

Disclosed is a display apparatus and a method of displaying via the
5 display apparatus. The display apparatus comprises at least one context
image projector or at least one context display for rendering a context
image, wherein an angular width of a projection of the rendered context
image ranges from 40 degrees to 220 degrees; at least one focus image
projector for rendering a focus image, wherein an angular width of a
10 projection of the rendered focus image ranges from 5 degrees to 60
degrees; at least one projection surface; an image steering unit; means
for detecting a gaze direction and a processor coupled in communication
with the image steering unit and the means for detecting the gaze
direction. An arrangement is made to combine the projection of the
15 rendered focus image with the projection of the rendered context image
to create a visual scene.

(FIG. 8)