

ABSTRACT

DISPLAY APPARATUS AND METHOD OF DISPLAYING USING CONTEXT
DISPLAY AND PROJECTORS

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

(FIG. 7)