

ABSTRACT

DISPLAY APPARATUS AND METHOD OF DISPLAYING USING FOCUS AND
CONTEXT DISPLAYS

Disclosed is a display apparatus comprising at least one context display
5 for rendering a context image, at least one focus display for rendering a
focus image, at least one optical combiner for combining the projection
of the rendered context image with the projection of the rendered focus
image to create a visual scene, means for detecting a gaze direction and
a processor coupled in communication with the at least one optical
10 combiner 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.

15 (FIG. 4B)