CLAIMS

1. A display system for displaying an image, the system comprising:

a reflector (2);

a projector (3) comprising at least one collimated light source; and

a controller for receiving image data and controlling the light source, configured such that, in use, an array of columns of image data representing an image (10) are projected sequentially onto the reflector (2) such that the projected columns appear superimposed on one another when reflected into the eye of an observer (7) and such that, due to persistence of vision, when the observer's eye moves in a direction perpendicular to the direction of orientation of the projected columns the observer can view the image.

2. A system according to claim 1 wherein the reflector (2) has a curved or U-shaped, or faceted cross-section to control the reflected light and the viewing angle of the image (10).

3. A system according to claim 1 or 2 wherein the reflector (2) has a microscopic surface structure for systematic diffraction and/or refraction so as to control the reflected light and the viewing angle of the image (10).

4. A display system according to any preceding claim wherein the projector (3) comprises plural light sources.

5. A display system according to any preceding claim wherein the light creating the image (10) comprises a range of light wavelengths.

6. A display system according to any preceding claim wherein the image (10) is a moving image.