ABSTRACT

The present invention relates to enhancing the image capturing devices, and to enhance the image producing devices, in such a way that they can capture and produce 3D images without the need of any gear to be worn by the viewers.

The proposed solution is inspired by ray optics, geometry, mirrors, diamond cuts, eyes, rods & cones of human eyes, and retina design of human eyes. It doesn’t “trick” the eyes and brain, it doesn’t manipulate the images like current technologies to give the 3D effect. The invention describes how the light sensors and light emitters, and their layouts to be changed in imaging devices like cameras and TV screens, to capture and produce 3D images.