



3-D Autostereoscopic Display

Monitor Display Hardware

Principal Inventor:

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Description of the Technology:

The 3D Autostereoscopic Display enables a viewer to see a virtual animated object with all the realism of an actual object in space. Using eye-tracking hardware, it allows the viewer to move nearer, farther, to the left or right, without compromising the sense of reality and dimensionality.

Features and Benefits:

- Easy-The display can easily fit on a desktop or be mounted on a wall. The use of an eye-tracking camera eliminates the use of special 3D glasses.
- Realistic-The camera tracks the distance and angle of both eyes and adjusts the image accordingly to imitate a real object.

Applications:

The 3D Autostereoscopic Display has many applications, some including scientific visualization, medical imaging, telepresence and gaming.

Patent Status:

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International Patent applications pending.

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