**ABSTRACT**

FOG SCREEN

Fog Screen is breakthrough technology that allows projection of high quality images in the air. It is currently the only walk-through projection screen. You can literally use the air as your user interface by touching only the air with your bare hands. The screen is created by using a suspended fog generating device with no frame around, and works with video projectors. The fog they use is dry, so it doesn’t make you wet even if you stay under the Fog Screen device for a long time.  The fog is made of ordinary water with no chemicals what so ever. With two projectors, you can project different images on both sides of the screen. It is a display device which is the application of computer graphics.

Fog Screen technology is a high-tech version of the technology in a cool air humidifier. It’s a basic patented technology presents an enormous number of possible applications, sizes, forms, technical extensions (3D, for example), and versions. It can be merged with many technologies. For example computer-vision-based finger tracking could enable drawing in thin air, gaming, or a "fog web browser." With interactivity, the Fog Screen becomes an immaterial computer touch screen with nearly unlimited applications.

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