

Exhibit 3

U.S. Patent No. 9,473,766



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(12) **United States Patent**
Douglas et al.

(10) **Patent No.:** **US 9,473,766 B2**
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(54) **METHOD AND APPARATUS FOR THREE DIMENSIONAL VIEWING OF IMAGES**

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(71) Applicants: **David Byron Douglas**, Winter Park, FL (US); **Robert E. Douglas**, Winter Park, FL (US)

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(65) **Prior Publication Data**

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Related U.S. Application Data

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(51) **Int. Cl.**

G06K 9/00 (2006.01)
G06T 7/00 (2006.01)
H04N 13/04 (2006.01)

(52) **U.S. Cl.**

CPC **H04N 13/044** (2013.01); **H04N 13/0434** (2013.01); **H04N 13/0459** (2013.01)

(58) **Field of Classification Search**

None
See application file for complete search history.

(Continued)

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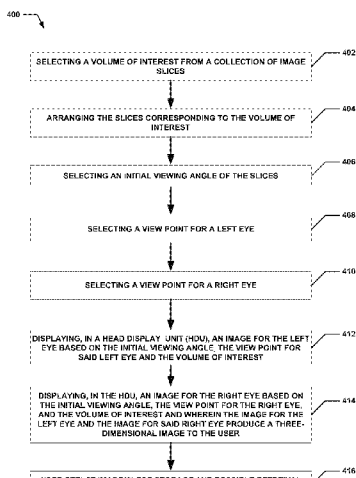
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(57)

ABSTRACT

A method and apparatus for three dimensional viewing of images is presented. Left eye viewing point (LEVP) imagery is passed through a left eye filter to obtain a filtered LEVP imagery. Right eye viewing point (REVP) imagery is passed through a right eye filter to obtain a filtered REVP imagery. The filtered LEVP imagery is projected on a display and the filtered REVP imagery is projected on the display. A user wearing polarized glasses is able to view the filtered LEVP imagery and the filtered REVP imagery as three-dimensional imagery on the display. The three dimensional imagery can be augmented.

18 Claims, 17 Drawing Sheets



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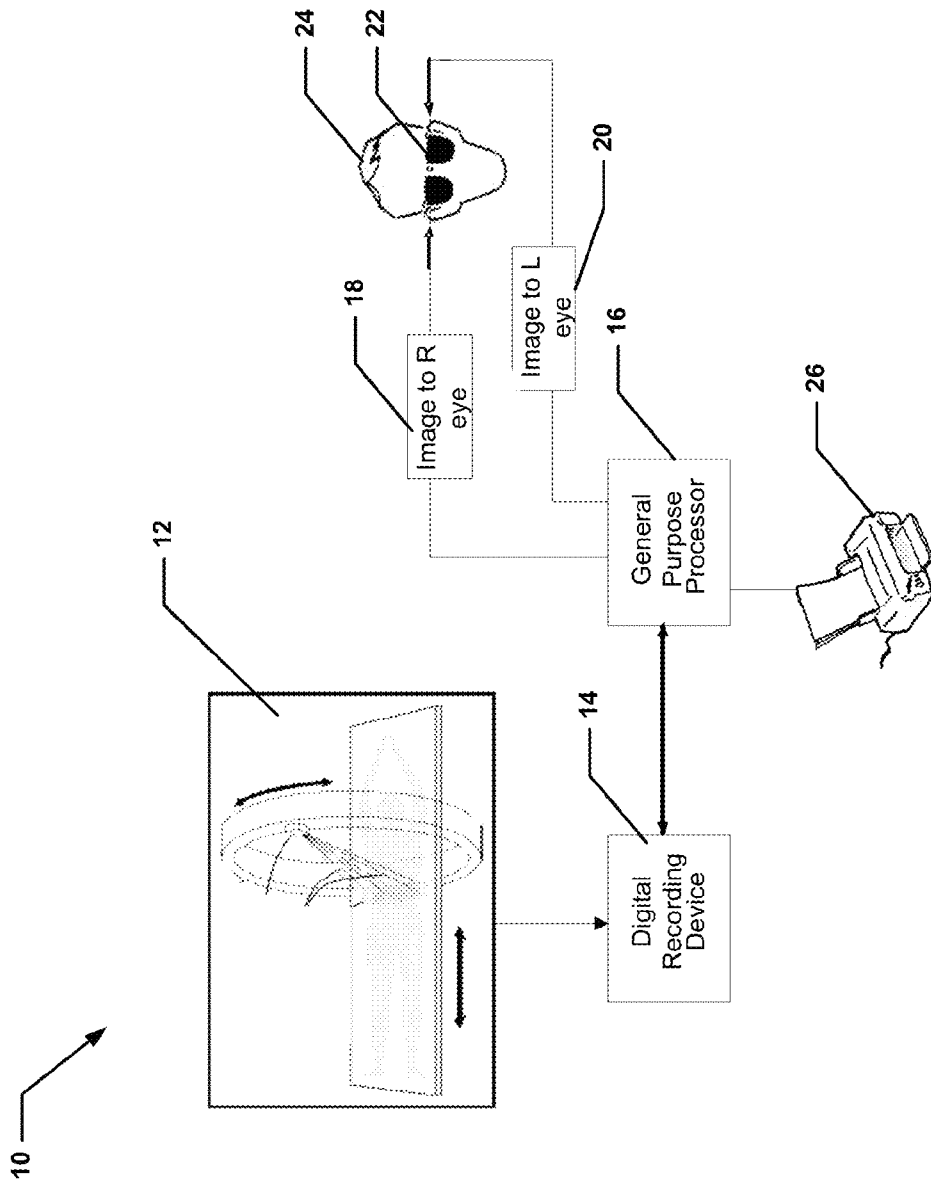


FIGURE 1

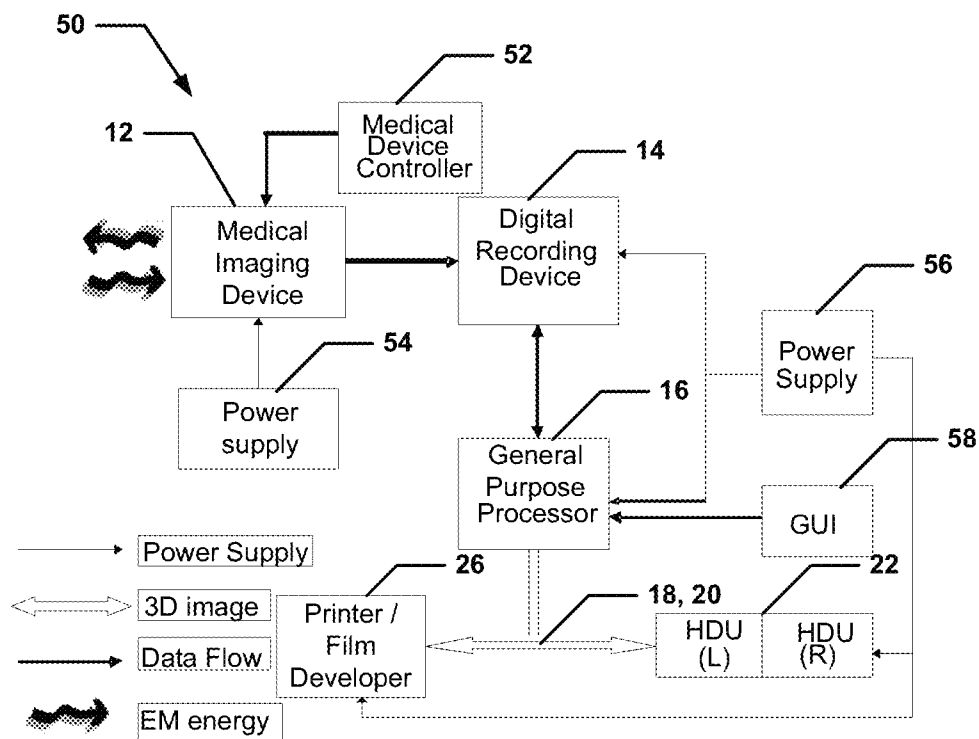


FIGURE 2

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