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Ross

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(54) **SYSTEM AND METHOD FOR PRESENTING VIRTUAL REALITY CONTENT TO A USER**

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Related U.S. Application Data

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H04N 9/47 (2006.01)
H04N 5/93 (2006.01)
H04N 5/74 (2006.01)
G11B 27/00 (2006.01)

(52) **U.S. Cl.**
CPC **H04N 5/9305** (2013.01); **G11B 27/005** (2013.01); **H04N 5/7491** (2013.01)

(58) **Field of Classification Search**
CPC G11B 27/105; G11B 27/005; H04N 13/0497; H04N 5/7491; H04N 5/9305; G06F 3/0346; G06T 19/006
USPC 386/230, 239, 240; 348/51, 53; 345/158, 633

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2009/0256904 A1* 10/2009 Krill G02B 27/0172 348/47
2012/0133884 A1* 5/2012 Ishida G02B 27/2264 351/158
2012/0212414 A1 8/2012 Osterhout et al.
2013/0050260 A1* 2/2013 Reitan G06F 3/011 345/633
2014/0009476 A1* 1/2014 Venkitaraman H04N 21/4126 345/502

OTHER PUBLICATIONS

Snubber, Kadhim, "Are you ready for the virtual reality revolution?" The Guardian, Aug. 2, 2014, 5 pages.

* cited by examiner

Primary Examiner — Thai Tran

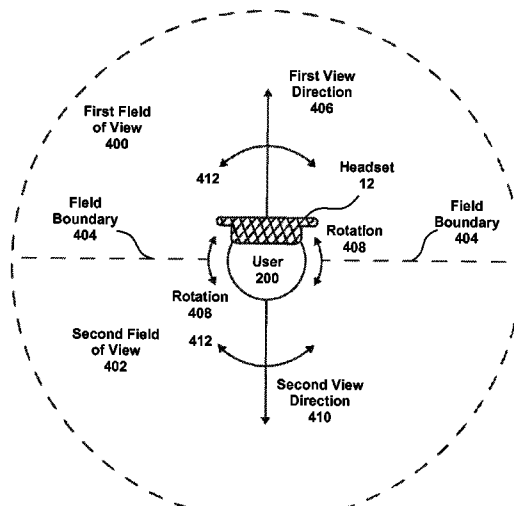
Assistant Examiner — Mishawn Hunter

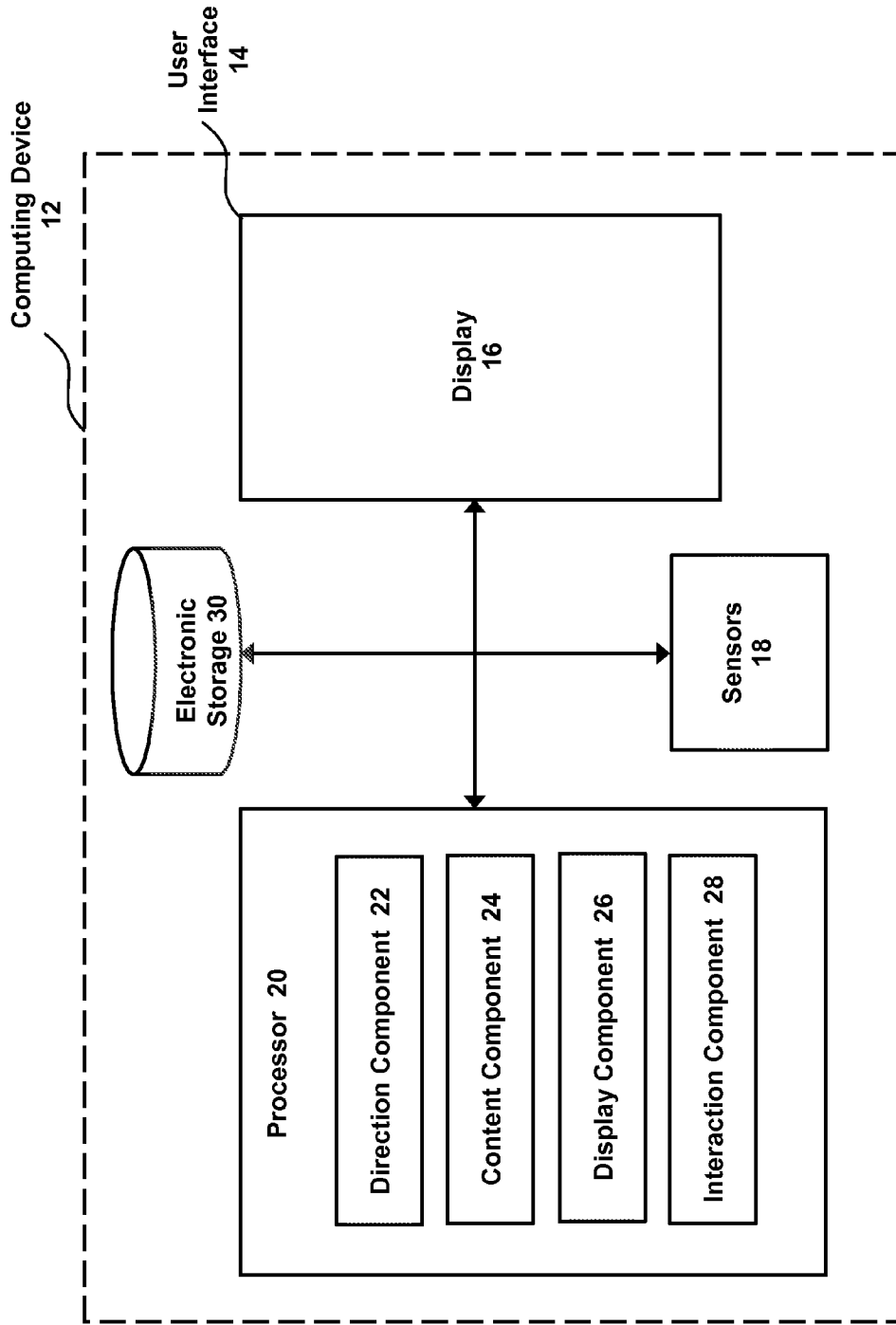
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(57) **ABSTRACT**

This disclosure describes a system configured to present primary and secondary, tertiary, etc., virtual reality content to a user. Primary virtual reality content may be displayed to a user, and, responsive to the user turning his view away from the primary virtual reality content, a sensory cue is provided to the user that indicates to the user that his view is no longer directed toward the primary virtual reality content, and secondary, tertiary, etc., virtual reality content may be displayed to the user. Primary virtual reality content may resume when the user returns his view to the primary virtual reality content. Primary virtual reality content may be adjusted based on a user's interaction with the secondary, tertiary, etc., virtual reality content. Secondary, tertiary, etc., virtual reality content may be adjusted based on a user's progression through the primary virtual reality content, or interaction with the primary virtual reality content.

23 Claims, 9 Drawing Sheets





System 10 → FIG. 1

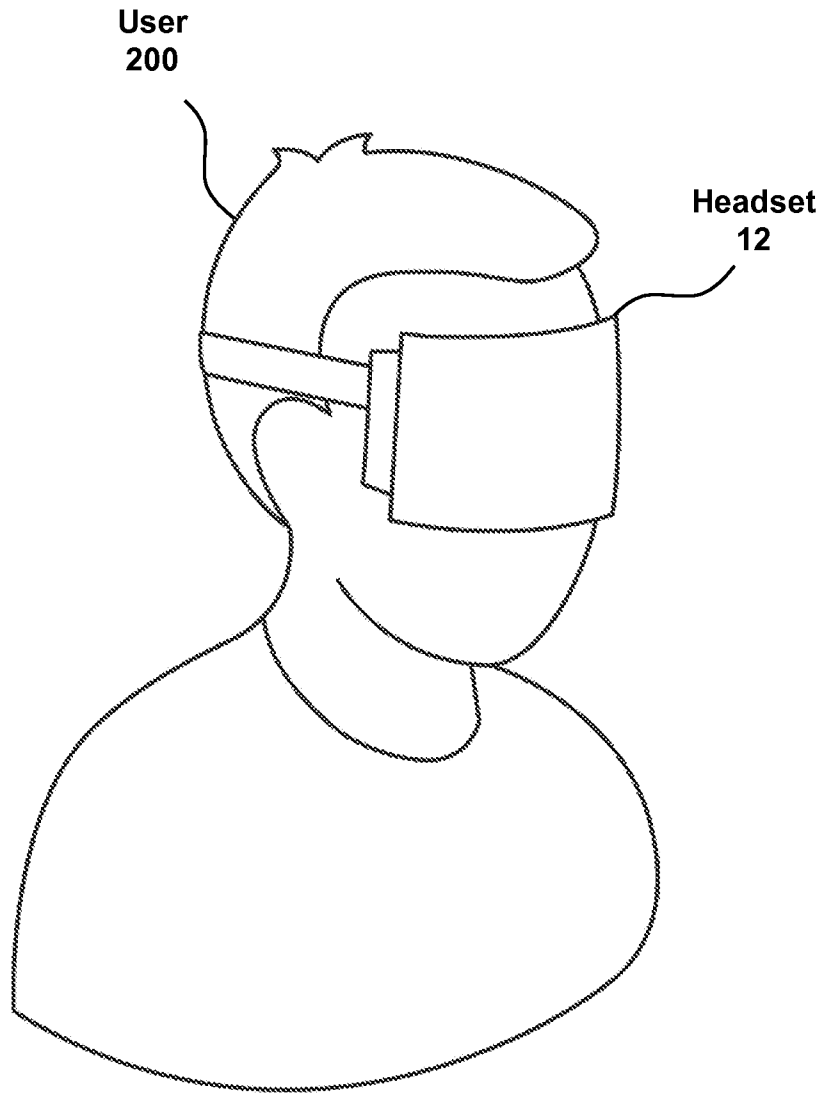


FIG. 2

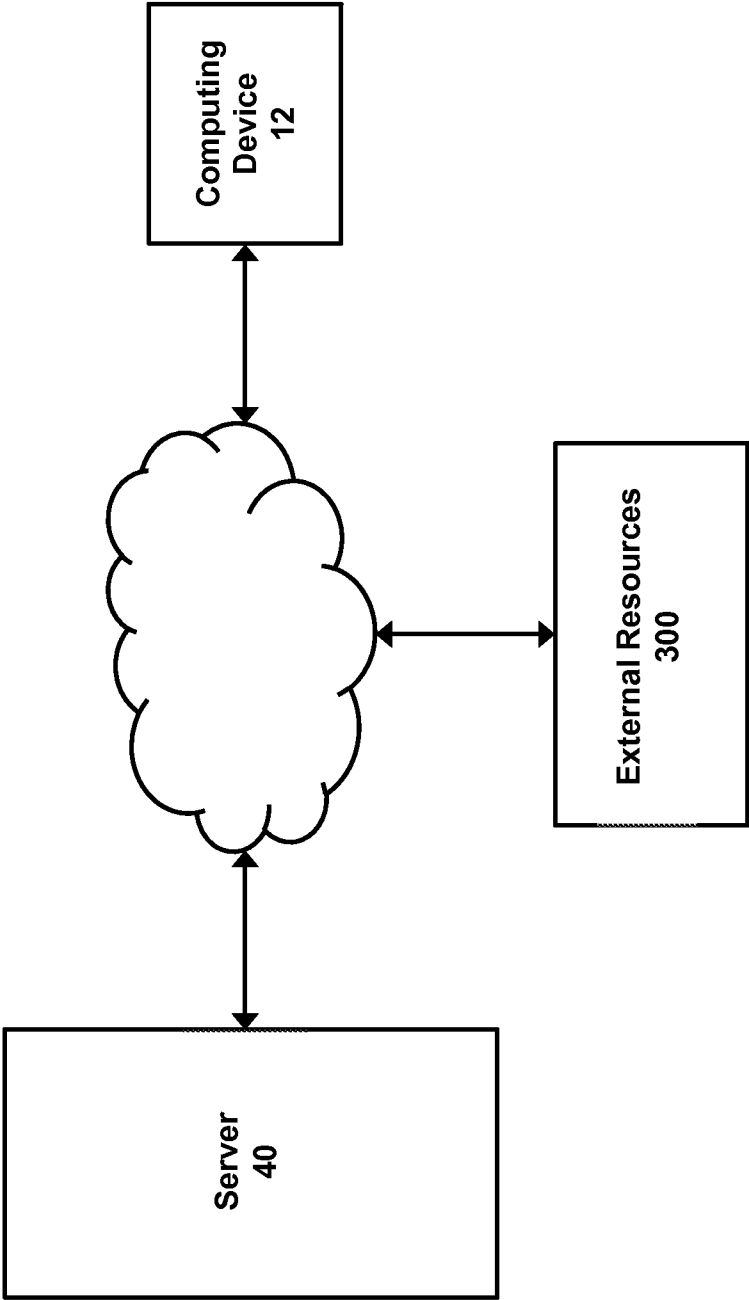


FIG. 3

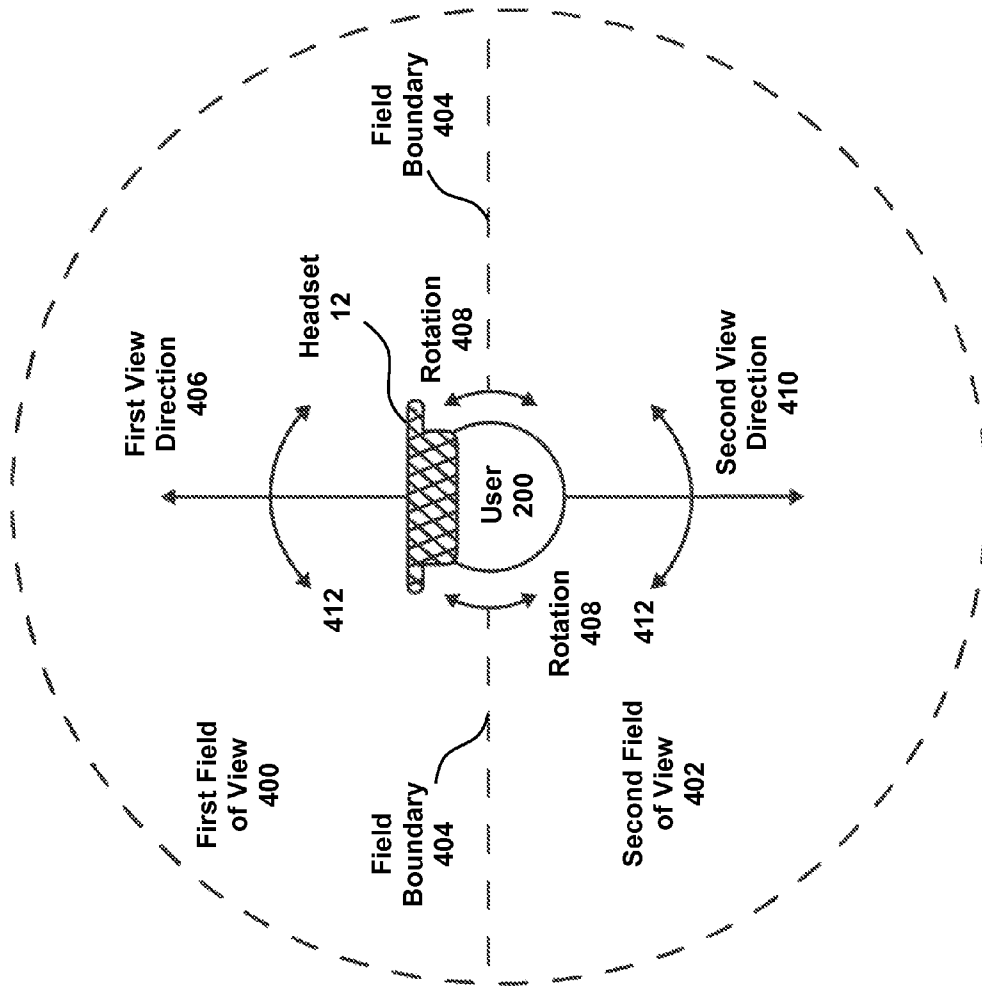


FIG. 4A

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