

US009392212B1

### (12) United States Patent

### Ross

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

- (71) Applicant: VISIONARY VR, INC., Los Angeles, CA (US)
- (72) Inventor: Jonathan Michael Ross, Santa Monica, CA (US)
- (73) Assignee: VISIONARY VR, INC., Los Angeles, CA (US)
- (\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 16 days.
- (21) Appl. No.: 14/489,128
- (22) Filed: Sep. 17, 2014

#### **Related U.S. Application Data**

- (60) Provisional application No. 61/980,658, filed on Apr. 17, 2014.
- (51) Int. Cl. *H04N 9/47* (2006.01) *H04N 5/93* (2006.01) *H04N 5/74* (2006.01) *G11B 27/00* (2006.01)

DOCKE

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

See application file for complete search history.

# (10) Patent No.: US 9,392,212 B1 (45) Date of Patent: Jul. 12, 2016

### **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 2013/0050260			Osterhout et al. Reitan
2014/0009476	A1*	1/2014	345/633 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

(57)

(56)

Primary Examiner — Thai Tran

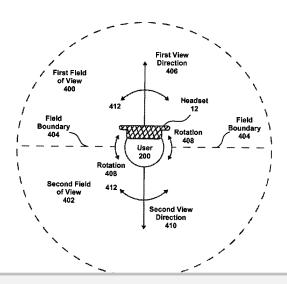
Assistant Examiner — Mishawn Hunter

(74) Attorney, Agent, or Firm — Sheppard Mullin Richter & Hampton LLP

#### 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



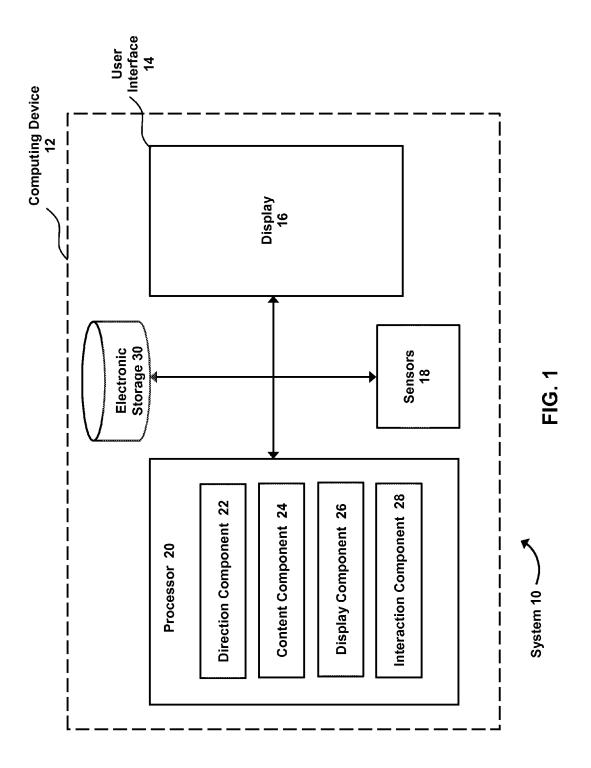
**R** M Find authenticated court documents without watermarks at <u>docketalarm.com</u>.

OCKET

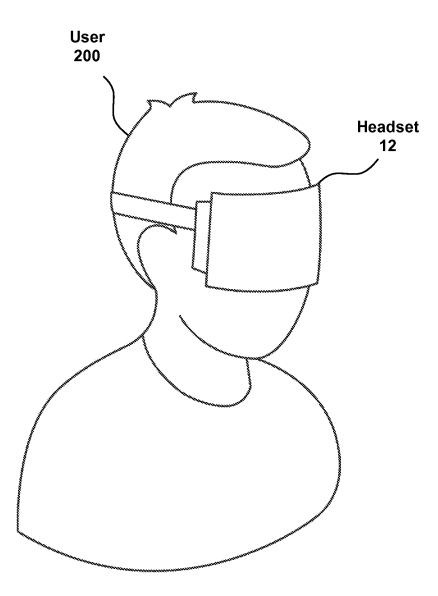
Δ

R

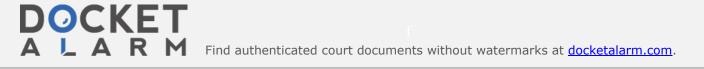
Δ

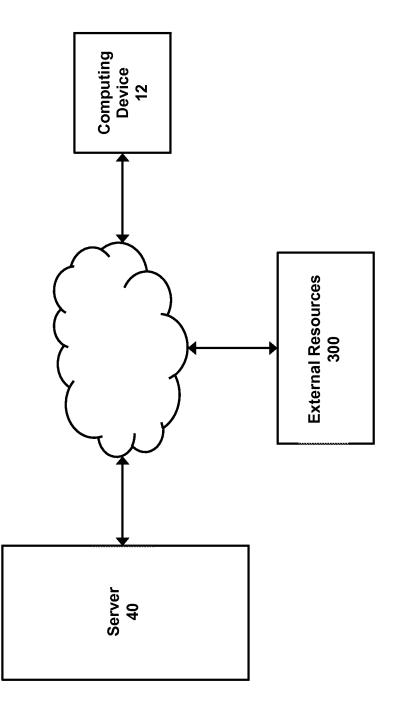


Find authenticated court documents without watermarks at <u>docketalarm.com</u>.



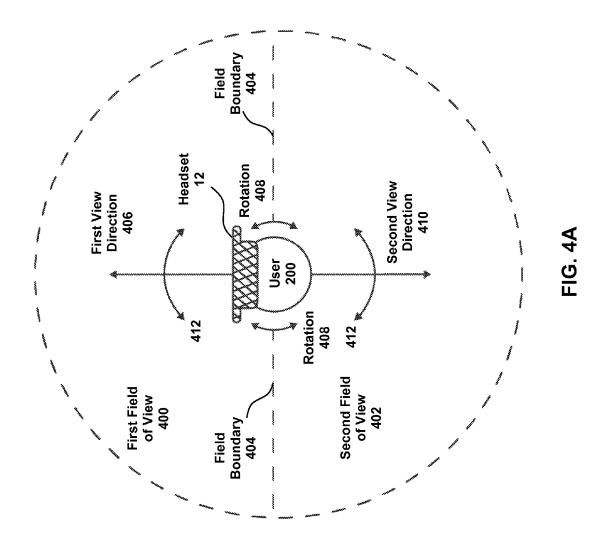
**FIG. 2** 







# **DOCKET A L A R M** Find authenticated court documents without watermarks at <u>docketalarm.com</u>.



**DOCKET A L A R M** Find authenticated court documents without watermarks at <u>docketalarm.com</u>.

# DOCKET A L A R M



# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

# **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

# **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

### API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

### LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

### FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

### E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.