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### (12) United States Patent

### Goodwin et al.

#### (54) CONTROLLING ACCESS TO ELECTRONIC CONTENT

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- (52) U.S. Cl. ..... 707/783; 726/3; 726/28; 726/29; 726/30; 707/913

See application file for complete search history.

#### (56) **References Cited**

### U.S. PATENT DOCUMENTS

### (10) Patent No.: US 8,234,302 B1

### (45) **Date of Patent:** Jul. 31, 2012

7,437,438	B2	10/2008	Mogul et al.
7,506,246	B2	3/2009	Hollander et al.
2002/0099818	A1	7/2002	Russell et al.
2003/0229695	A1	12/2003	McBride
2004/0024688	A1*	2/2004	Bi et al 705/37
2004/0030898	A1*	2/2004	Tsuria et al 713/171
2004/0103305	A1	5/2004	Ginter
2005/0102352	A1	5/2005	Zhang et al.
2006/0037075	A1	2/2006	Frattura et al.
2006/0068769	A1	3/2006	Adya et al.
2006/0153089	A1	7/2006	Silverman
2006/0272031	A1*	11/2006	Ache et al 726/28
2007/0026371	A1	2/2007	Wood
2007/0061447	A1*	3/2007	Flores et al 709/224
2007/0156696	A1	7/2007	Lim
2008/0022003	A1*	1/2008	Alve 709/229
2008/0052394	A1	2/2008	Bugenhagen et al.
2008/0104231	A1	5/2008	Dey et al.
2008/0282091	A1*	11/2008	Ashok et al 713/183
2009/0037578	A1	2/2009	Hattori et al.

#### OTHER PUBLICATIONS

Roberts, Who Goes There? Building Smarter Authentication, InfoWorld, Issue 30, Jul. 24, 2006, pp. 26-30 and 32.\*

\* cited by examiner

Primary Examiner — John E Breene

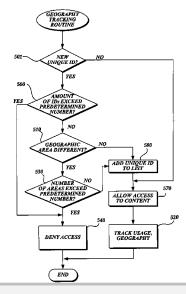
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#### (57) ABSTRACT

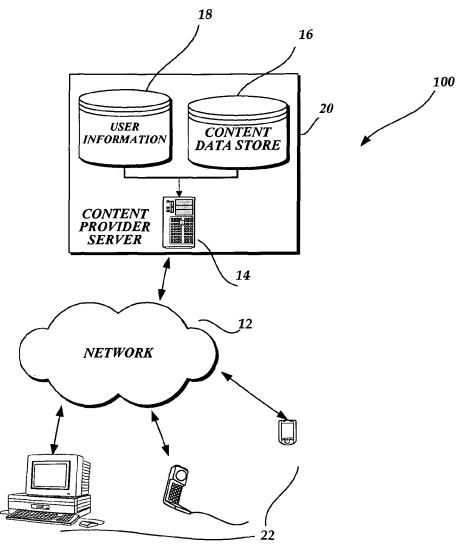
A system and method for controlling access to electronic content stored on a content provider's server is provided. A content provider may control and restrict unauthorized access to electronic content through an identified user account by limiting a number of devices from which requests to access the content through the account have been received. A content provider may also collect usage information of interest by monitoring authorized access to electronic content.

#### 31 Claims, 6 Drawing Sheets



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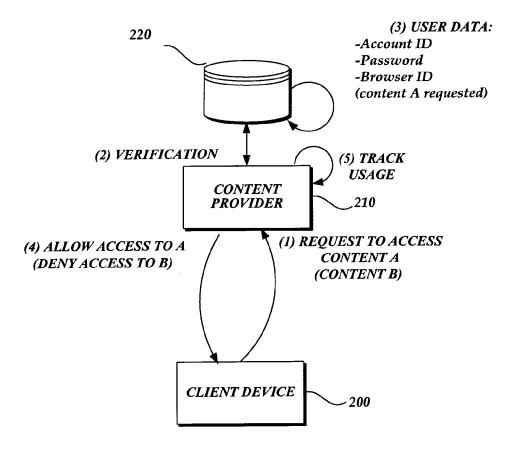
Α



**CLIENT DEVICES** 

# *Fig.1*.

Δ



# *Fig.2.*

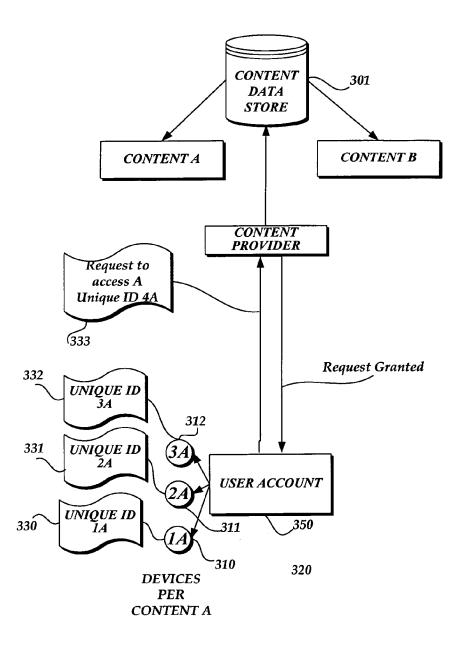


Fig.3A.

Α

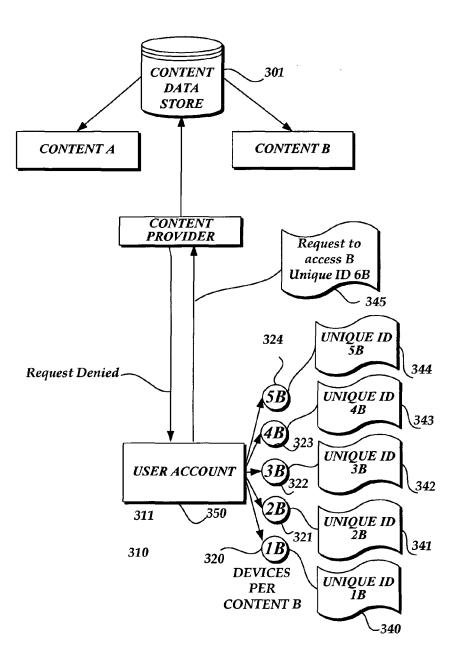


Fig.3B.

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