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60102 (US). ANGUIANO, Marc; 3450 N. Lake Shore Drive, Chicago, IL 60657 (US). BORN, Joseph; 5230 Lee Street, Skokie, IL 60077 (US).

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(74) Agents: MORRIS, Francis, E. et al.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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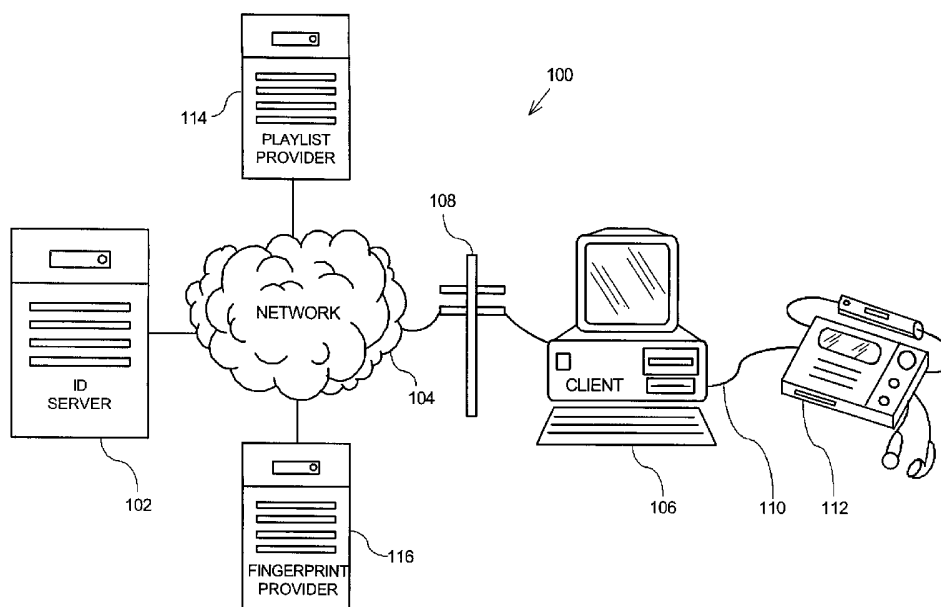
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(71) Applicant: DIGITAL INNOVATIONS LLC [US/US]; 7250 North Cicero Avenue, Suite 100, Lincolnwood, IL 60712 (US).

[Continued on next page]

(72) Inventors: ZIMRING, Julie, M.; 825 Simpson Street, Evanston, IL 60201 (US). GAO, Xiuzhi; 1520 West Dempster Road, #205, Mount Prospect, IL 60056 (US). JOHNSON, Timothy, Michael; 175 Aberdeen, Algonquin, IL

(54) Title: APPARATUS AND METHOD FOR IDENTIFYING AUDIO



(57) Abstract: An audio sample is recorded on a portable device (112) from an audio track. The audio sample is then stored in a cache on the portable device (112). The audio sample is transmitted to a computing device (106) to be identified. The audio sample is received by the computing device and fingerprinting is performed on the audio sample to obtain a unique audio fingerprint for the audio sample. A fingerprint database (116) is then searched for a match of the fingerprint to a known fingerprint of a previously identified audio track. A match is located and identification data associated with the previously identified audio track is sent to the portable device. Identification of the audio sample is then received and displayed on the portable device.

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International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 15/16

US CL : 709/231

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 709/231

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
EAST, WEST

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

FOLDOC.COM, NPL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,055,244 A (WALL, JR. et al.) 25 April 2000, col. 4-9	1-40
X	US 6,232,539 B1 (LOONEY et al.) 15 May 2001, col. 4-15	1-40
X	US 6,247,130 B1 (FRITSCH) 12 June 2001, col. 2-9	1-40

Further documents are listed in the continuation of Box C.

See patent family annex.

• Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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"O" document referring to an oral disclosure, use, exhibition or other means		
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Authorized officer

SALEH NAJJAR

Telephone No. (703) 308-7613