



US006928433C1

(12) INTER PARTES REEXAMINATION CERTIFICATE (469th)

United States Patent

Goodman et al.

(10) Number: **US 6,928,433 C1**

(45) Certificate Issued: **Oct. 8, 2012**

(54) **AUTOMATIC HIERARCHICAL CATEGORIZATION OF MUSIC BY METADATA**

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Reexamination Request:

No. 95/001,274, Dec. 1, 2009

Reexamination Certificate for:

Patent No.: **6,928,433**
Issued: **Aug. 9, 2005**
Appl. No.: **09/755,723**
Filed: **Jan. 5, 2001**

Certificate of Correction issued May 16, 2006.

(51) **Int. Cl.**
G11B 27/11 (2006.01)
G11B 27/10 (2006.01)
G11B 27/34 (2006.01)
G06F 17/30 (2006.01)

(52) **U.S. Cl.** **386/243**; 707/999.003; 707/999.004;
707/999.102; G9B/27.019; G9B/27.021;
G9B/27.051

(58) **Field of Classification Search** 707/104
See application file for complete search history.

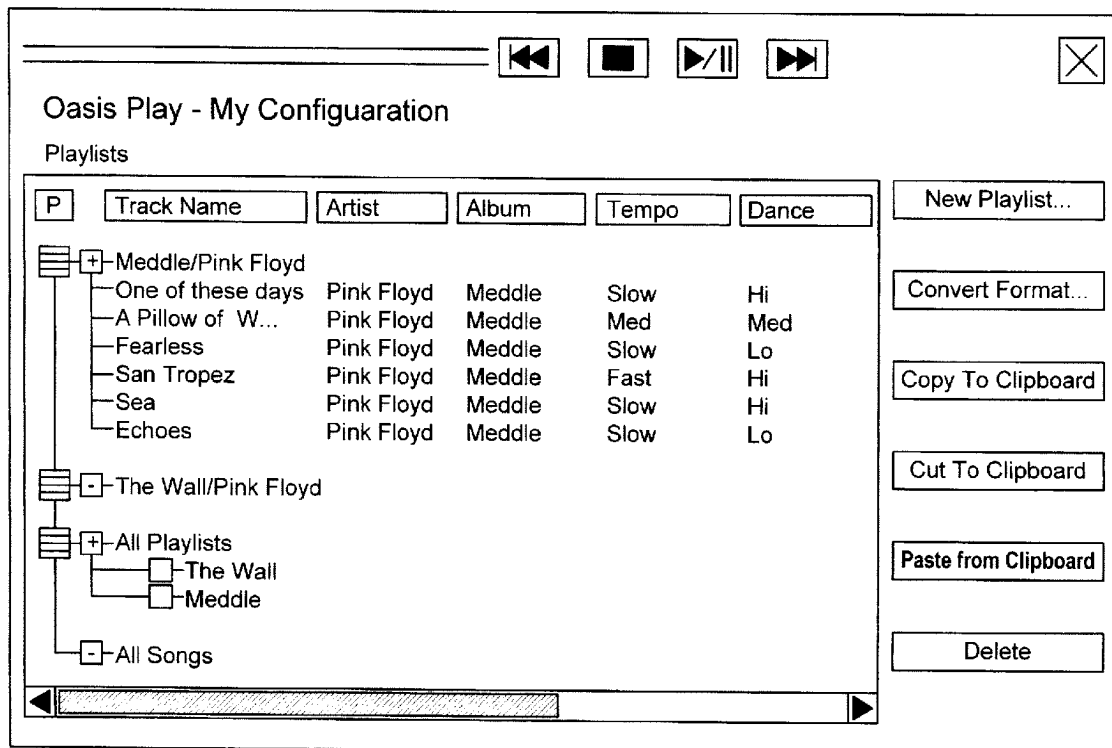
(56) References Cited

To view the complete listing of prior art documents cited during the proceeding for Reexamination Control Number 95/001,274, please refer to the USPTO's public Patent Application Information Retrieval (PAIR) system under the Display References tab.

Primary Examiner — Mary Steelman

(57) ABSTRACT

A method, performed by software executing on the processor of a portable music playback device, that automatically files tracks according to hierarchical structure of categories to organize tracks in a logical order. A user interface is utilized to change the hierarchy, view track names, and select tracks for playback or other operations.



SONY Exhibit 1002

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**INTER PARTES
 REEXAMINATION CERTIFICATE
 ISSUED UNDER 35 U.S.C. 316**

THE PATENT IS HEREBY AMENDED AS
 INDICATED BELOW.

Matter enclosed in heavy brackets [] appeared in the patent, but has been deleted and is no longer a part of the patent; matter printed in italics indicates additions made to the patent.

AS A RESULT OF REEXAMINATION, IT HAS BEEN DETERMINED THAT:

The patentability of claims 2, 3, 5 and 7 is confirmed.

Claims 1, 4, 6 and 8-16 are cancelled.

New claims 17-28 are added and determined to be patentable.

17. *The method of selecting a track as recited in claim 3 wherein the playlist is an active queue list of songs that is currently being played.*

18. *The method of selecting a track as recited in claim 5 wherein the playlist is an active queue list of songs that is currently being played.*

19. *The method of selecting a track as recited in claim 5 wherein the selected item in the third display screen is associated with a plurality of tracks, and wherein the accessing at least one track comprises adding the plurality of tracks associated with the selected item to a playlist.*

20. *The method of selecting a track as recited in claim 19 wherein the playlist is an active queue list of songs that is currently being played.*

21. *The method of selecting a track as recited in claim 5 wherein the selected item in the third display screen is a selected album name, and wherein the accessing at least one track comprises adding the plurality of tracks associated with the selected album name to a playlist.*

22. *The method of selecting a track as recited in claim 21 wherein the playlist is an active queue list of songs that is currently being played.*

23. *The method of selecting a track as recited in claim 1 wherein:*

the category album is selected in the first display screen from available categories that include at least artist and album;

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the subcategories listed in the second display screen comprise a listing of album names and one of the album names is selected; and

the accessing at least one track comprises adding a plurality of tracks associated with the selected album name to a playlist.

24. *The method of selecting a track as recited in claim 23 wherein the playlist is an active queue list of songs that is currently being played.*

25. *The method of selecting a track as recited in claim 1 wherein:*

the category genre is selected in the first display screen from available categories that include at least artist, album, and genre;

the subcategories listed in the second display screen comprise a listing of a plurality of genre types, and one of one genre types is selected;

the items displayed in the third display screen comprise a listing of a plurality of album names associated with the selected genre type, and one of the album names is selected; and

the accessing at least one track comprises adding a plurality of tracks associated with the selected album name to a playlist.

26. *The method of selecting a track as recited in claim 25 wherein the playlist is an active queue list of songs that is currently being played.*

27. *The method of selecting a track as recited in claim 1 wherein:*

the category artist is selected in the first display screen from available categories that include at least artist, album, and genre;

the subcategories listed in the second display screen comprise a listing of artist names, and one of the listed artist names is selected;

the items displayed in the third display screen comprise a listing of album names associated with the selected artist name, and one of the listed album names is selected; and

the accessing at least one track comprises adding a plurality of tracks associated with the selected album name to a playlist.

28. *The method of selecting a track as recited in claim 27 wherein the playlist is an active queue list of songs that is currently being played.*

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