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Knight et al.

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(54) **METHOD OF ENABLING DIGITAL MUSIC CONTENT TO BE DOWNLOADED TO AND USED ON A PORTABLE WIRELESS COMPUTING DEVICE**

(51) **Int. Cl.**
G06F 21/10 (2013.01)
H04L 29/08 (2006.01)
(Continued)

(71) Applicant: **OMNIFONE LIMITED**, London (GB)

(52) **U.S. Cl.**
CPC **H04L 67/306** (2013.01); **G06F 17/30749** (2013.01); **G06F 17/30752** (2013.01);
(Continued)

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(58) **Field of Classification Search**
CPC H04L 67/306; H04L 51/32; H04L 67/16;
H04L 67/325; H04W 12/08
(Continued)

(73) Assignee: **OMNIFONE LIMITED**, London (GB)

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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This patent is subject to a terminal disclaimer.

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(21) Appl. No.: **15/042,243**

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(22) Filed: **Feb. 12, 2016**

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(65) **Prior Publication Data**
US 2016/0182677 A1 Jun. 23, 2016

Related U.S. Application Data

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Assistant Examiner — Angela Holmes
(74) *Attorney, Agent, or Firm* — Saul Ewing LLP

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(30) **Foreign Application Priority Data**

(57) **ABSTRACT**
The invention enables digital music content to be downloaded to and used on a portable wireless computing device. An application running on the wireless device has been automatically adapted to parameters associated with the wireless device without end-user input (e.g. the application (Continued)

May 5, 2006 (GB) 0608932
May 5, 2006 (GB) 0608933
(Continued)

More option	Description
Add as Friend	Request to add a selected Buzz user to your friends list.
Add to Lineup	Add an item to the end of your Lineup.
Add to Playlist	Add a track to a new or existing playlist.
Artist Profile	View information on the selected artist including star-rating, tracks that this user has downloaded from the artist and all tracks and albums from this artist.
Clear	Remove all tracks from the Lineup.
Close	Exit MusicStation.
Delete	Permanently delete an item. For example, delete a track from My Top Tracks or message from the user's inbox.
Details	View information about a selected track or album.
Edit my profile	Edit a Buzz profile. This includes entering / editing a catchphrase, setting the profile image and configuring profile options.
Help	View context sensitive help for the selected screen.
Make Private	Make a shared playlist private. A private playlist is one that cannot be viewed by other Buzz members.
Minimise	Minimise MusicStation and place in the background (and if music is currently playing, continue playing music). The user can return to MusicStation rapidly.
Open	Open the selected item.

has been configured in dependence on the device OS and firmware, related bugs, screen size, pixel number, security models, connection handling, memory etc. This application enables an end-user to browse and search music content on a remote server using a wireless network; to download music content from that remote server using the wireless network and to playback and manage that downloaded music content. The application also includes a digital rights management system that enables unlimited legal downloads of different music tracks to the device and also enables any of those tracks stored on the device to be played so long as a subscription service has not terminated.

33 Claims, 73 Drawing Sheets

Related U.S. Application Data

continuation of application No. 12/299,505, filed as application No. PCT/GB2007/001675 on May 8, 2007, now Pat. No. 8,510,847.

(30) **Foreign Application Priority Data**

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H04W 12/08 (2009.01)
H04L 29/06 (2006.01)
H04L 12/58 (2006.01)
G06F 17/30 (2006.01)
H04M 1/725 (2006.01)

(52) **U.S. Cl.**

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G06Q 30/06 (2013.01); **H04L 51/32** (2013.01); **H04L 67/04** (2013.01); **H04L 67/16** (2013.01); **H04L 67/32** (2013.01); **H04L 67/325** (2013.01); **H04L 69/14** (2013.01); **H04M 3/4872** (2013.01); **H04W 12/08** (2013.01); **H04L 67/06** (2013.01); **H04L 2463/101** (2013.01); **H04M 1/72558** (2013.01); **H04M 2203/358** (2013.01)

(58) **Field of Classification Search**

USPC 726/26
 See application file for complete search history.

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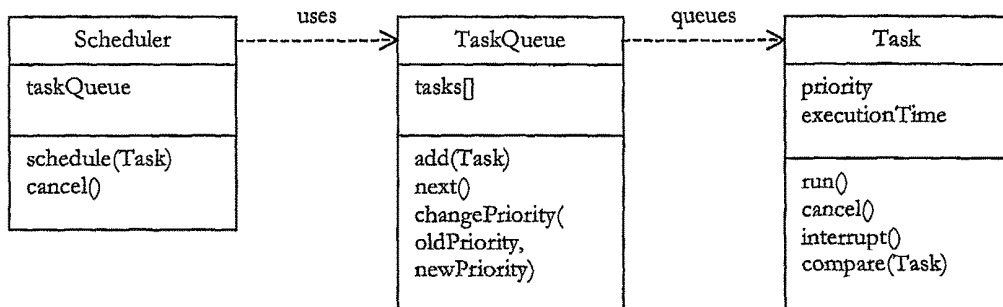


Figure 1

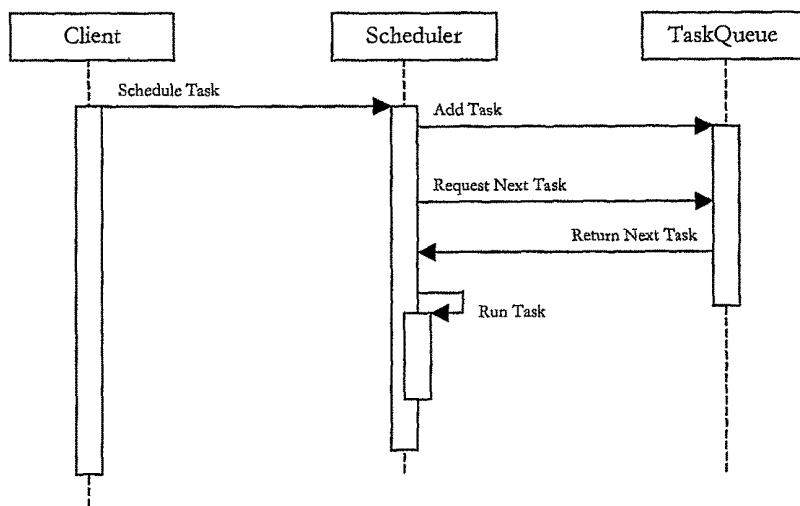


Figure 2

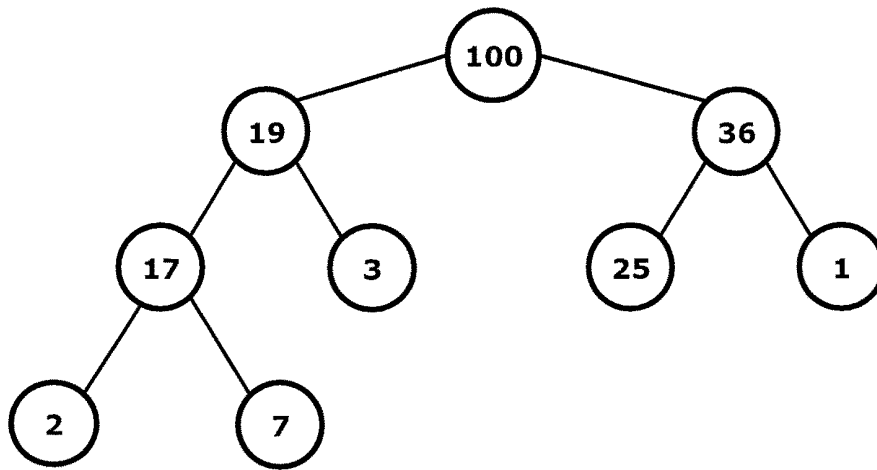


Figure 4

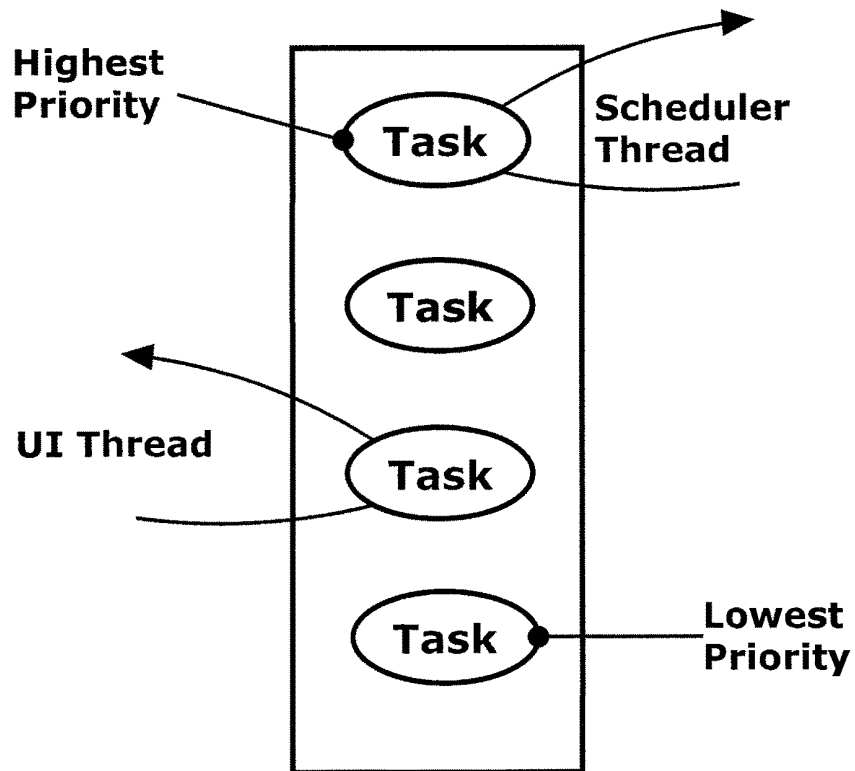


Figure 3

	Lower	Upper
Data	3.33%	6.67%
Image	3.33%	6.67%
Audio	10%	90%

Figure 7

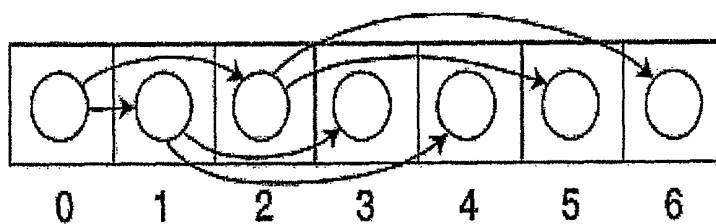


Figure 5

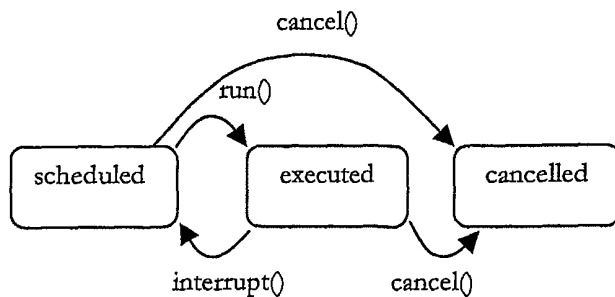


Figure 6

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