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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**

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This patent is subject to a terminal disclaimer.

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Related U.S. Application Data

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(52) **U.S. Cl.**
CPC **H04L 51/32** (2013.01); **G06Q 10/10** (2013.01); **G06Q 30/06** (2013.01); **H04L 67/04** (2013.01);

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(58) **Field of Classification Search**
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H04W 8/205; H04W 12/08; H04L 67/04;
H04L 67/32; H04L 2463/101
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See application file for complete search history.

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Primary Examiner — Hadi Armouche

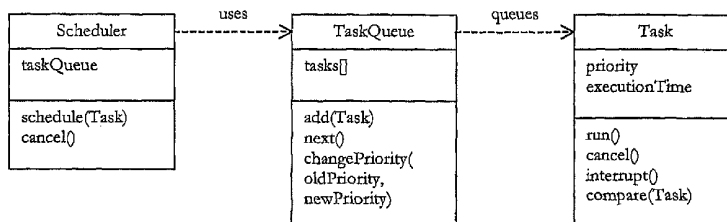
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(57) **ABSTRACT**

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 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.

30 Claims, 73 Drawing Sheets



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 <i>H04M 3/487</i> (2006.01)
 <i>H04M 1/725</i> (2006.01)
 <i>H04W 12/08</i> (2009.01)
 <i>H04L 29/08</i> (2006.01)</p> | <p>2006/0008256 A1* 1/2006 Khedouri et al. 386/124
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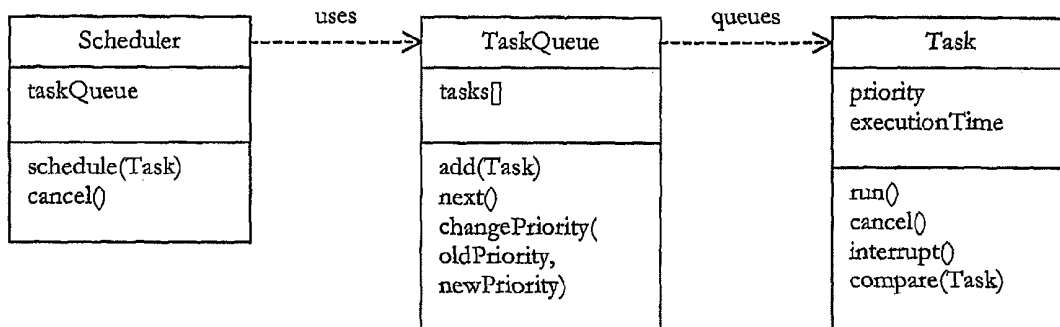


Figure 1

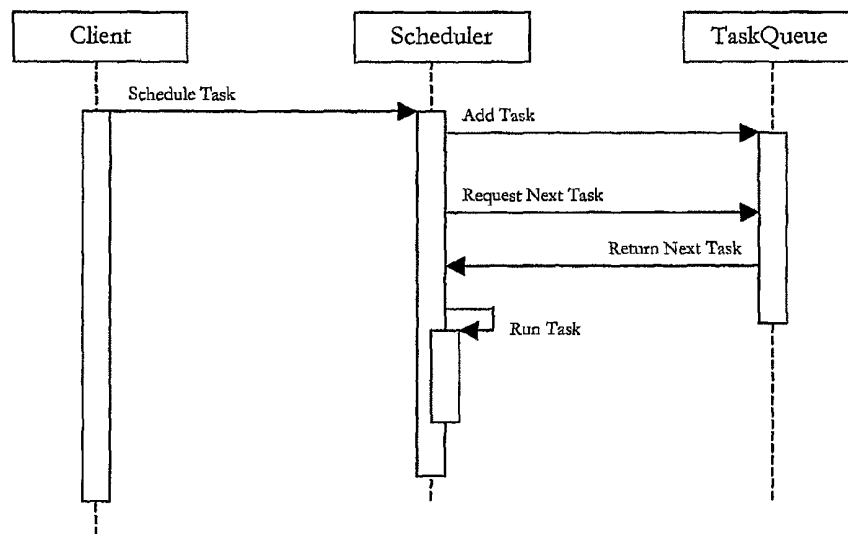


Figure 2

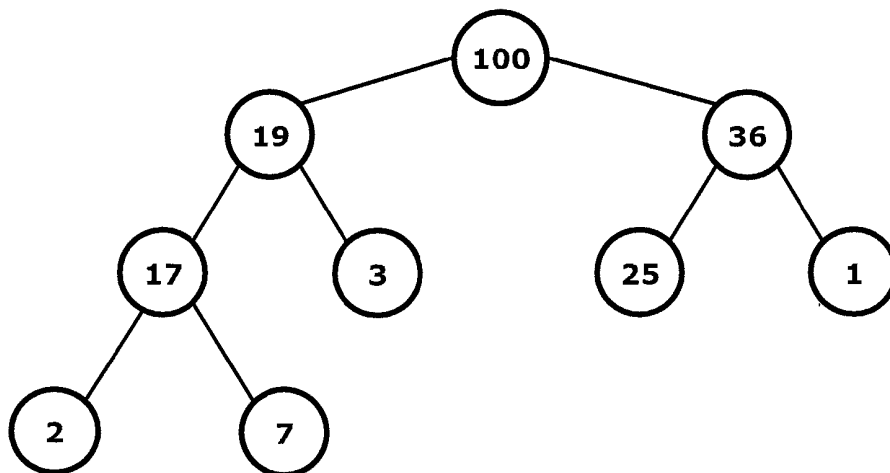


Figure 4

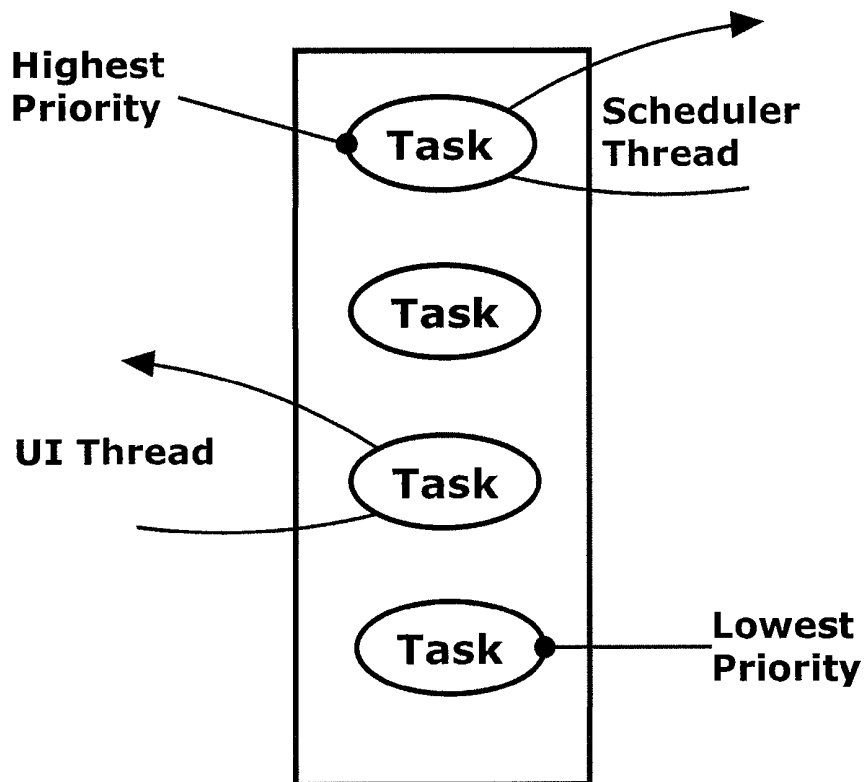


Figure 3

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

Figure 7

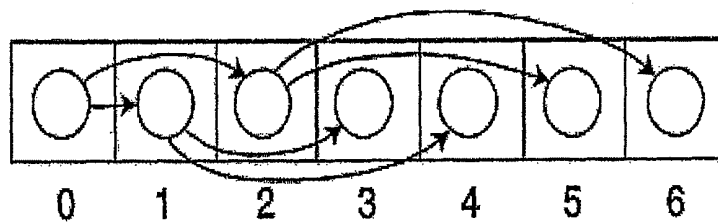


Figure 5

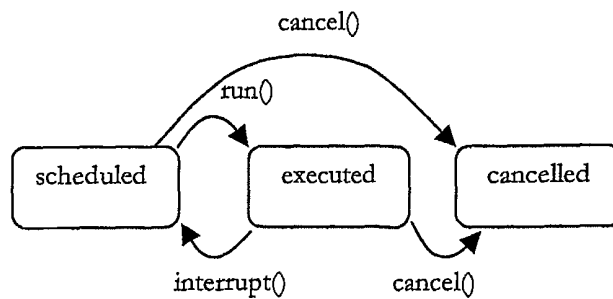


Figure 6

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