EXHIBIT 13

Exhibit 13

Personal Audio Exemplary Infringement Contentions for U.S. Patent No. 6,199,076
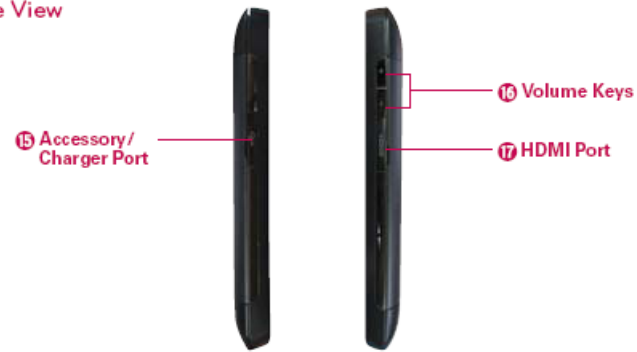**LG Revolution**

	Claim[1]	Exemplary Infringement Support
1	A player for reproducing selected audio program segments comprising, in combination:	The LG Revolution smart phone has a music player application, making it a player for reproducing selected audio program segments. A song is an example of an audio program segment. *LG Revolution User Guide* at 13

---

[1]   Claims are construed in view of the claim construction orders issued in the *Personal Audio LLC v. Apple Inc.* action, Civil Action No. 9:09CV111, dated December 21, 2010 (ECF No. 258), January 31, 2011 (ECF No. 292), and May 18, 2011 (ECF No. 358).

Playing Music

You can listen to music using the phone's built-in speaker, through a wired headset, or through a wireless Bluetooth stereo headset that supports the A2DP profile.

To play music

▸ Touch a song in your library to listen to it.

OR

▸ While viewing a list of tracks in an album, touch the **Menu Key** 🔲 > Play all.

LG Revolution User Guide at 151

Working with Playlists

You can create playlists to organize your music files into sets of songs, which you can play in the order you set or in a shuffle.

LG Revolution User Guide at 154

The Playback screen opens and the song you touched or the first song in the album or other playlist starts to play. Your music continues to play even when you switch applications or receive a phone call. The tracks in the current playlist play in order until it reaches the end, then stops. If you choose a repeat option, playback only stops when you stop it.

LG Revolution User Guide at 151.

1.a	means for storing a plurality of program segments, each of said program segments having a beginning and an end,	The Revolution has a means for storing a plurality of program segments, each of said program segments having a beginning and an end. This limitation is governed by 35 U.S.C. § 112, para. 6. The Revolution literally performs the identical function with identical, or at least equivalent, structure.

		The "storing" structure in the Revolution is internal memory replaceable media. The replaceable media is a microSD card. A microSD card is sold with the Revolution and comes in the box.

The "storing" structure in the Revolution is internal memory replaceable media. The replaceable media is a microSD card. A microSD card is sold with the Revolution and comes in the box.

The Revolution stores audio files on the microSD card.

The Music application plays audio files that are stored on your phone's microSD card. Copy audio files from your computer onto the microSD card before you open the Music application. The Music application supports audio files in numerous formats, including MP3, M4A (DRM-free AAC files, from iTunes®), AMR, MIDI, and OGG Vorbis.

LG Revolution User Guide at 149.

Storage	Internal Memory: 102MB
	microSD card: 16GB microSD card included (expandable to 32GB)
	Internal phone storage: 1.32GB

LG Revolution User Guide at 219.

| 1.b | means for receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be reproduced by said player, | The Revolution has a means for receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be reproduced by the player. This limitation is governed by 35 U.S.C. § 112, para. 6. The Revolution literally performs the identical function with identical and equivalent structure.

The "receiving" structure in the Revolution is the micro USB port on the side of the device. The structure is equivalent to the construed IR structure. |

Side View

⑮ Accessory/Charger Port ⑯ Volume Keys ⑰ HDMI Port

15. **Accessory/Charger Port** Allows you to connect the phone charger, USB cable, or other compatible accessories.

LG Revolution User Guide at 15.

The "storing" structure in the Revolution is internal memory and replaceable media. The replacable media is a microSD card. A microSD card is sold with the Revolution and comes in the box.

The **Music** application plays audio files that are stored on your phone's microSD card. Copy audio files from your computer onto the microSD card before you open the **Music** application. The **Music** application supports audio files in numerous formats, including MP3, M4A (DRM-free AAC files, from iTunes®), AMR, MIDI, and OGG Vorbis.

LG Revolution User Guide at 149.

The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the Revolution is the playlist file.

| 1.c | means for accepting control commands from a user of said player, | The Revolution has a means for accepting control commands from a user of said player. This limitation is governed by 35 U.S.C. § 112, para. 6. The Revolution literally performs the identical function with equivalent structure.

The "accepting" structure on the Revolution is the touch screen.

8. **Touchscreen** Displays all the information needed to operate your phone, such as applications, call status, date, time, signal status, and battery strength.

LG Revolution User Guide at 14.

To control playback
The Playback screen contains several icons that you can touch to control the playback of songs, albums, and playlists:

<table><tr><td>❚❚</td><td>Touch to pause playback.</td></tr><tr><td>▶</td><td>Touch to resume playback.</td></tr><tr><td>▶❙</td><td>Touch to skip to the next track in the album, playlist, or shuffle.</td></tr><tr><td>❙◀</td><td>Touch to restart the current track or skip to the previous track in the album, playlist, or shuffle.</td></tr><tr><td>☰</td><td>Touch to open the current playlist.</td></tr><tr><td>⤬</td><td>Touch to play the current playlist in shuffle mode (tracks are played in random order).</td></tr><tr><td>↻</td><td>Touch to set repeat mode to repeating all songs, repeat current song, or repeat off.</td></tr><tr><td>▣▣</td><td>Touch to activate or deactivate the Dolby Mobile setting, which enhances your music listening.</td></tr></table>
LG Revolution User Guide at 152. |
| 1.d | means for continuously reproducing said program | The Revolution has a means for continuously reproducing said program segments in the order establish by said sequence in the absence of a control command. This limitation is governed by |

	segments in the order established by said sequence in the absence of a control command,	35 U.S.C. § 112, para. 6. The Revolution performs the identical function using equivalent structure. The "continuously reproducing" structure in the Revolution comprises hardware and software components programmed to continuously reproduce program segments in the absence of a control command. Hardware components are the Revolution's general purpose computer circuitry (processor, RAM, power supply, and bus), audio codec, and speaker. **CONNECTIVITY** • 1GHz Qualcomm® Snapdragon™ Processor *LG Revolution Data Sheet* at 2. **SPECIFICATIONS** • Networks: Digital (CDMA, PCS) 1x, EVDO Rev. A, LTE 700 • Frequencies: 1.9 GHz CMDA PCS, 800 MHz CDMA, 700 MHz LTE (Quad-Band/Tri-Band) • Data Transmission: LTE, EVDO Rev 0, EVDO Rev A, 1xRTT • Dimensions: 5.03" (H) x 2.63" (W) x 0.52" (D) • Weight: 6.06 oz. • Display: 16.7M Color TFT, 800 x 480 pixels • Screen: 4.3" Capacitive Touchscreen • USB: 2.0 High Speed • Standard Battery: 1,500 mAh • Talk Time: up to 435 minutes* • Standby Time: up to 335 hours* • Internal Memory: 16GB • microSD™ Memory Slot: 16GB card included; supports up to a 32GB card** • Micro USB Charging Port with Charging via Computer *LG Revolution Data sheet* at 2.

Installing the Battery and microSD Card

NOTE It is important to fully charge the battery before initial use of the phone.

Installing the battery

The phone comes with a rechargeable battery. Keep the battery charged while not in use in order to maximize talk, use, and standby time. The battery charge level is shown at the top right corner of the screen.

1 Hold the phone with both hands, with the microphone facing upward. Then use the fingertip cutout to pull open the back cover (as shown above).

2 Align the battery contacts with the terminals at the bottom of the battery compartment, then press the battery into place.

3 Replace the battery cover over the back of the phone (as demonstrated). Apply a steady downward pressure until the back cover clicks into place.

LG Revolution User Guide at 16

The Revolution has an audio codec as show by the Revolution's capability to play digitally compressed audio files.

ENTERTAINMENT
* HD Solution – streaming, playback, and recording
* Video Telephony – use front-facing camera for face-to-face video chat*
* Netflix* – stream up to DVD quality movies & TV shows over Verizon's 3G/4G network or a Wi-Fi network**
* HDMI* Output and SmartShare (Media Sharing by DLNA*) – connect to DLNA compatable computers, televisions, and other devices wirelessly or with an HDMI cable to play videos, music, and more***
* Pre-loaded Demo Games: Rock Band*, Let's Golf 2*****
* Video Player for DivX*, WMV, MP4, 3GP, & 3G2 Formats
* Music Player for MP3, WMA, AAC, & AAC+ Formats
* Dolby* Mobile for a Rich Sound-Quality Experience

LG Revolution Data sheet at 2.

Playing Music

You can listen to music using the phone's built-in speaker, through a wired headset, or through a wireless Bluetooth stereo headset that supports the A2DP profile.

LG Revolution User Guide at 151

Once a user has started listening to a playlist on the Revolution, the device automatically plays the audio file next in the playlist sequence after the previous audio file ends. The Revolution reproduces the audio file in the order established by the playlist without the need for the user to entering a control command. Once a playlist has been selected, no further control command is required for continuously reproducing said program segments in the order establish by said playlist sequence.

The Revolution can be set to play songs in order and repeat songs.

To control playback

The Playback screen contains several icons that you can touch to control the playback of songs, albums, and playlists:

⏸	Touch to pause playback.
▶	Touch to resume playback.
⏭	Touch to skip to the next track in the album, playlist, or shuffle.
⏮	Touch to restart the current track or skip to the previous track in the album, playlist, or shuffle.
☰	Touch to open the current playlist.
🔀	Touch to play the current playlist in shuffle mode (tracks are played in random order).
🔁	Touch to set repeat mode to repeating all songs, repeat current song, or repeat off.
▣	Touch to activate or deactivate the Dolby Mobile setting, which enhances your music listening.

		LG Revolution User Guide at 152.
1.e	means for detecting a first command indicative of a request to skip forward, and	The Revolution has a means for detecting a first command indicative of a request to skip forward. This limitation is governed by 35 U.S.C. § 112, para. 6. The Revolution performs the identical function using identical, or at least equivalent, structure. The "detecting" structure in the Revolution comprises hardware and software components programmed to detect a first command indicative of a request to skip forward. The hardware component is the general purpose computer circuitry, identified in row 1.d above. Once a user presses the "next" key the Revolution responds to the selected command by discontinuing playback of the current audio file and begins playing the next audio file in the playlist. This operation shows there is software that detects the skip forward command. **To control playback** The Playback screen contains several icons that you can touch to control the playback of songs, albums, and playlists: |	
---	---
❚❚	Touch to pause playback.
▶	Touch to resume playback.
▶▶❚	Touch to skip to the next track in the album, playlist, or shuffle.
❚◀◀	Touch to restart the current track or skip to the previous track in the album, playlist, or shuffle.
☰	Touch to open the current playlist.
⤬	Touch to play the current playlist in shuffle mode (tracks are played in random order).
⟳	Touch to set repeat mode to repeating all songs, repeat current song, or repeat off.
▣	Touch to activate or deactivate the Dolby Mobile setting, which enhances your music listening.	 *LG Revolution User Guide* at 152.

1.f	means responsive to said first command for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which follows said currently playing program in said sequence.	The Revolution has a means responsive to said first command for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which follows said currently playing program in said sequence. This limitation is governed by 35 U.S.C. § 112, para. 6. The Revolution performs the identical function using identical, or at least equivalent, structure. The "responsive" structure in the Revolution comprises hardware and software components programmed to detect a first command indicative of a request to skip forward. The hardware component is the general purpose computer circuitry, identified in row 1.d above. Once a user presses the "next" key the Revolution discontinues playing the current audio file and skips ahead and begins playing the next audio file in the playlist. **To control playback** The Playback screen contains several icons that you can touch to control the playback of songs, albums, and playlists: <table><tr><td>⏸</td><td>Touch to pause playback.</td></tr><tr><td>▶</td><td>Touch to resume playback.</td></tr><tr><td>⏭</td><td>Touch to skip to the next track in the album, playlist, or shuffle.</td></tr><tr><td>⏮</td><td>Touch to restart the current track or skip to the previous track in the album, playlist, or shuffle.</td></tr><tr><td>≣</td><td>Touch to open the current playlist.</td></tr><tr><td>🔀</td><td>Touch to play the current playlist in shuffle mode (tracks are played in random order).</td></tr><tr><td>🔁</td><td>Touch to set repeat mode to repeating all songs, repeat current song, or repeat off.</td></tr><tr><td>▶◀</td><td>Touch to activate or deactivate the Dolby Mobile setting, which enhances your music listening.</td></tr></table>

		LG Revolution User Guide at 152.
2	A player as set forth in claim 1 further comprising	Every claim limitation of claim 1 is present in the Revolution as described above.
2a	means for detecting a second command indicative of a request to skip backward, and	The Revolution has a means for detecting a second command indicative of a request to skip backward. This limitation is governed by 35 U.S.C. § 112, para. 6. The Revolution performs the identical function using identical, or at least equivalent, structure. The "detecting" structure in the Revolution comprises hardware and software components programmed to detect a second command indicative of a request to skip backward. The hardware component is the general purpose computer circuitry, identified in row 1.d above. Once a user presses the "previous" key the Revolution responds to the selected command by discontinuing playback of the current audio file and begins playing the same audio file in the playlist at its beginning. This operation shows there is software that detects the skip backward command.

	To control playback

The Playback screen contains several icons that you can touch to control the playback of songs, albums, and playlists:

⏸	Touch to pause playback.
▶	Touch to resume playback.
⏭	Touch to skip to the next track in the album, playlist, or shuffle.
⏮	Touch to restart the current track or skip to the previous track in the album, playlist, or shuffle.
☰	Touch to open the current playlist.
🔀	Touch to play the current playlist in shuffle mode (tracks are played in random order).
🔁	Touch to set repeat mode to repeating all songs, repeat current song, or repeat off.
◧◨	Touch to activate or deactivate the Dolby Mobile setting, which enhances your music listening.

LG Revolution User Guide at 152 |
| 2.b | means responsive to a single one of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of said currently playing program | The Revolution has a means responsive to a single one of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of the currently playing program. This limitation is governed by 35 U.S.C. § 112, para. 6. The Revolution performs the identical function using identical, or at least equivalent, structure.

The "responsive" structure in the Revolution comprises hardware and software components programmed to detect a first command indicative of a request to skip forward.

The hardware component is the general purpose computer circuitry, identified in row 1.d above.

Once a user presses the "previous" key the Revolution discontinues playing the current audio |

		file and begins playing the current audio file from the beginning.
		To control playback The Playback screen contains several icons that you can touch to control the playback of songs, albums, and playlists: Touch to pause playback. Touch to resume playback. Touch to skip to the next track in the album, playlist, or shuffle. Touch to restart the current track or skip to the previous track in the album, playlist, or shuffle. Touch to open the current playlist. Touch to play the current playlist in shuffle mode (tracks are played in random order). Touch to set repeat mode to repeating all songs, repeat current song, or repeat off. Touch to activate or deactivate the Dolby Mobile setting, which enhances your music listening. *LG Revolution User Guide* at 152.
3	A player as set forth in claim 2 further comprising	Every claim limitation of claim 2 is present in the Revolution as described above.
3a	means responsive to the detection of two consecutive ones of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which	The Revolution has a means responsive to the detection of two consecutive ones of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program. This limitation is governed by 35 U.S.C. § 112, para. 6. The Revolution performs the identical function using identical, or at least equivalent, structure. The "responsive" structure in the Revolution comprises hardware and software components programmed to detect a first command indicative of a request to skip forward.

13

	precedes the currently playing program segment.	The hardware component is the general purpose computer circuitry, identified in row 1.d above. Once a user presses the "previous" key twice the Revolution discontinues playing the current audio file and begins playing the previous audio file in the playlist. **To control playback** The Playback screen contains several icons that you can touch to control the playback of songs, albums, and playlists: |	
---	---
❚❚	Touch to pause playback.
▶	Touch to resume playback.
▶❙	Touch to skip to the next track in the album, playlist, or shuffle.
❙◀◀	Touch to restart the current track or skip to the previous track in the album, playlist, or shuffle.
☰	Touch to open the current playlist.
⤨	Touch to play the current playlist in shuffle mode (tracks are played in random order).
↻	Touch to set repeat mode to repeating all songs, repeat current song, or repeat off.
▮◀	Touch to activate or deactivate the Dolby Mobile setting, which enhances your music listening.	 *LG Revolution User Guide* at 152.
4	A player as set forth in claim 1	Every claim limitation of claim 1 is present in the Revolution as described above.
4.a	wherein said sequence established circular sequence of program segments	In the Revolution the sequence established by said data forms an endless circular sequence of audio files. Once a user selects Repeat All mode the playlist plays in an endless circular sequence.

To control playback

The Playback screen contains several icons that you can touch to control the playback of songs, albums, and playlists:

⏸	Touch to pause playback.
▶	Touch to resume playback.
⏭	Touch to skip to the next track in the album, playlist, or shuffle.
⏮	Touch to restart the current track or skip to the previous track in the album, playlist, or shuffle.
☰	Touch to open the current playlist.
🔀	Touch to play the current playlist in shuffle mode (tracks are played in random order).
🔁	Touch to set repeat mode to repeating all songs, repeat current song, or repeat off.
▮◖	Touch to activate or deactivate the Dolby Mobile setting, which enhances your music listening.

LG Revolution User Guide at 152.

82449974.4

15