

# EXHIBIT 1

## Categorization of Dependent Claims

### I. Summary of Claim Categories

- Category 1: Claims that recite limitations included in a dependent claim of a different patent.
- Category 2: Claims that specify additional details about technology recited in an independent claim.
- Category 3: Claims that specify additional, abstract details about independent claim limitations.
- Category 4: Claims that introduce functionality not recited in any independent claim.

### II. Category of Each Dependent Claim

#### '838 Patent

<u>Dependent Claim</u>	<u>Category</u>
<b>Claim 5</b>	<b>Category 1</b> (limitation recited in independent claims of '251 patent) <b>Category 2</b> (sending data using an Internet Protocol)
<b>Claim 10</b>	<b>Category 4</b> (touch-to-call claim)
<b>Claim 15</b>	<b>Category 2</b> (display is a touch screen)
<b>Claim 18</b>	<b>Category 2</b> (location determined using GPS; location sent to server using Internet Protocol; location sent via the Internet)
<b>Claim 19</b>	<b>Category 4</b> (polling claim)
<b>Claim 20</b>	<b>Category 3</b> (map is a satellite image or aerial photograph)
<b>Claim 38</b>	<b>Category 1</b> (limitation recited in independent claims of '055 patent) <b>Category 3</b> (touching a symbol to display information about the entity it represents)
<b>Claim 40</b>	<b>Category 1</b> (limitation recited in independent claims of '829 patent) <b>Category 3</b> (upon receiving message, device plays audio, initiates phone call, vibrates, converts text to speech, changes sound intensity, or displays information)

#### '251 Patent

<u>Dependent Claim</u>	<u>Category</u>
<b>Claim 2</b>	<b>Category 3</b> (data sent comprises SMS message, text message, image, or video)
<b>Claim 5</b>	<b>Category 4</b> (polling claim)
<b>Claim 6</b>	<b>Category 4</b> (touch-to-call claim)
<b>Claim 12</b>	<b>Category 2</b> (location determined using GPS; location sent to server using Internet Protocol)
<b>Claim 15</b>	<b>Category 4</b> (entity database claim)
<b>Claim 18</b>	<b>Category 4</b> (entity database claim)

<b>Claim 27</b>	<b>Category 3</b> (map is a satellite image)
<b>Claim 29</b>	<b>Category 4</b> (touch-to-call claim)
<b>Claim 31</b>	<b>Category 4</b> (polling claim)
<b>Claim 35</b>	<b>Category 2</b> (location determined using GPS; location sent to server using Internet Protocol)

**'055 Patent**

<b>Dependent Claim</b>	<b>Category</b>
<b>Claim 5</b>	<b>Category 4</b> (polling claim)
<b>Claim 7</b>	<b>Category 3</b> (sending data to a subset of all users; sharing with that subset voice, text, photographic, or video communications)
<b>Claim 24</b>	<b>Category 1</b> (limitation recited in independent claims of '829 patent) <b>Category 3</b> (upon receiving message, device plays audio, initiates phone call, vibrates, converts text to speech, changes sound intensity, or displays information)
<b>Claim 32</b>	<b>Category 4</b> (polling claim)
<b>Claim 36</b>	<b>Category 4</b> (touch-to-call claim)
<b>Claim 42</b>	<b>Category 4</b> (touch-to-call claim)

**'829 Patent**

<b>Dependent Claim</b>	<b>Category</b>
<b>Claim 2</b>	<b>Category 3</b> (upon receiving message, device plays audio, initiates phone call, vibrates, converts text to speech, changes sound intensity, or displays information)
<b>Claim 8</b>	<b>Category 4</b> (polling claim)
<b>Claim 10</b>	<b>Category 4</b> (polling claim)
<b>Claim 14</b>	<b>Category 1</b> (limitation recited in independent claims of '838 patent)
<b>Claim 30</b>	<b>Category 1</b> (limitation recited in independent claims of '251 patent)
<b>Claim 42</b>	<b>Category 4</b> (polling claim)
<b>Claim 50</b>	<b>Category 1</b> (limitation recited in independent claims of '838 patent)