

**EXHIBIT A:**  
**DISPUTED CLAIM TERMS**

The following claim terms remain in dispute.

No.	TERM	PLAINTIFF'S PROPOSED CONSTRUCTION	DEFENDANTS' PROPOSED CONSTRUCTION	COURT'S CONSTRUCTION
TERMS FOR HUAWEI PATENTS				
1	<p><b>“characterizing quantities of the communication quality for each of the groups”</b></p> <p>( '139 Patent, Claims 1 and 11)</p>	<p>“characteristics of the communication quality for each of the groups”</p>	<p>“group scores derived from the indication of communication quality for each base station in a group”</p>	
2	<p><b>“a storage unit in which group information generated by classifying the plurality of base stations into groups”</b></p> <p>( '139 Patent, Claim 11)</p>	<p>Not indefinite; plain and ordinary meaning</p>	<p>Indefinite because the claim term does not inform those skilled in the art about the claim's scope with reasonable certainty</p>	
3	<p><b>“combining” / “combined”</b></p> <p>( '292 Patent, Claims 1 and 2)</p>	<p>“a determination based on one or more inputs”</p>	<p>“merging”/ “merged”</p>	
4	<p><b>“GPS/cellular positioning results combining means for combining the GPS-based position result and the cellular-based position result with the</b></p>	<p><b>Function:</b> combining the GPS-based position result and the cellular-based position result with the GPS positioning reliability and the cellular positioning reliability</p> <p><b>Structure:</b> GPS/cellular positioning results combining unit 400 and/or</p>	<p><b>Function:</b> <u>combining</u> the GPS based position result and the cellular-based position result with the GPS positioning reliability and the cellular positioning reliability</p> <p><b>Structure:</b> GPS / Cellular Positioning Results Combining Unit</p>	

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	<p><b>GPS positioning reliability and the cellular positioning reliability</b> ( '292 Patent, Claim 1)</p>	<p>components within a mobile handset that perform processing functions, such as, a CPU programmed to execute processing in accordance with the algorithm set forth in the specification, a processor that combines GPS/cellular position as described in Fig. 2 (block 605) and corresponding recitations in the specification as provided herein, or equivalents thereof. <i>See e.g.</i>, (4:42-56), (Fig. 3 at 400), (3:12-17), (5:3-7).</p>	<p><b>400</b> performing the weighted mean disclosed in Figure 3 and at col. 4:49-56, block 606 in Fig. 2</p>	
5	<p><b>“GPS receiver means for receiving GPS-oriented signals and generating received GPS signals”</b> ( '292 Patent, Claim 1)</p>	<p><b>Function:</b> receiving GPS-oriented signals and generating received GPS signals  <b>Structure:</b> A GPS receiver 200 and/or components within a mobile handset that receive GPS signals, such as, an antenna and a transceiver or a processor that performs GPS receiving processes as described in Fig. 2 (block 600) and corresponding recitations in the specification as provided below or equivalents thereof. <i>See e.g.</i>, (2:64-65; block 600 in Fig. 2), (3:24-32), (4:65-5:2), (2:53-57), (5:3-7).</p>	<p><b>Function:</b> (1) receiving GPS oriented signals and (2) generating received GPS signals  <b>Structure:</b> GPS receiver 200, Block 600 in Figure 2</p>	
6	<p><b>“cellular receiver</b></p>	<p><b>Function:</b> receiving cellular-</p>	<p><b>Function:</b> (1) receiving cellular-</p>	

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	<p><b>means for receiving cellular-oriented signals and generating received cellular signals”</b> (’292 Patent, Claim 1)</p>	<p>oriented signals and generating received cellular signals <b>Structure:</b> A cellular receiver 300 and/or components within a mobile handset that receive and generate cellular signals, such as, an antenna, a transceiver, a processor that performs cellular receiving processes as described in Fig. 2 (block 603) and corresponding recitations in the specification provided herein, or equivalents thereof. <i>See e.g.</i>, (2:66-3:4), (3:10-11; see block 603 in Fig. 2), (4:4-9), (2:53-57), (5:3-7).</p>	<p>oriented signals and (2) generating received cellular signals <b>Structure:</b> cellular receiver 300, Block 603 in Fig. 2</p>	
7	<p><b>“GPS position calculation means for calculating the mobile handset's position from the received GPS signals and outputting a GPS-based position result”</b> (’292 Patent, Claim 1)</p>	<p><b>Function:</b> calculating the mobile handset's position from the received GPS signals and outputting a GPS-based position result <b>Structure:</b> At least one processor, for example, position calculation unit 201 and/or a mobile handset that perform processing functions or equivalents thereof. <i>See e.g.</i>, (2:64-65; block 601 in Fig. 2), (3:24-38), (2:53-60), (5:3-7).</p>	<p><b>Function:</b> (1) calculating the mobile handset's position from the received GPS signals and (2) outputting a GPS-based position result. <b>Structure:</b> position calculation unit for GPS 201, Block 601 in Fig. 2</p>	
8	<p><b>“cellular position calculation means for calculating the mobile handset's position from</b></p>	<p><b>Function:</b> calculating the mobile handset's position from the received cellular signals and outputting a cellular-based position result</p>	<p><b>Function:</b> (1) calculating the mobile handset's position from the received cellular signals and (2) outputting a cellular based position result.</p>	

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	<p><b>the received cellular signals and outputting a cellular-based position result”</b> (’292 Patent, Claim 1)</p>	<p><b>Structure:</b> A position calculation unit 301 and/or components within a mobile handset that perform processing functions, such as, a CPU programmed to execute processing in accordance with the algorithm set forth in the specification, or a processor that performs cellular position calculation processes as described in Fig. 2 (block 604) and corresponding recitations in the specification as provided herein, or equivalents thereof. <i>See e.g.</i>, (1:23-27), (3:10-11; block 604 in Fig. 2), (4:4-16), (2:66-3:6), (5:3-7).</p>	<p><b>Structure:</b> position calculation unit for cellular 301, which is insufficient structure because the specification does not disclose the necessary algorithm or flowchart, which renders the term indefinite</p>	
9	<p><b>“GPS reliability calculation means for calculating GPS positioning reliability based on the GPS-based position result”</b> (’292 Patent, Claim 1)</p>	<p><b>Function:</b> calculating GPS positioning reliability based on the GPS-based position result</p> <p><b>Structure:</b> A GPS reliability calculation unit 204 and/or components within a mobile handset that perform processing functions, such as, a CPU programmed to execute processing in accordance with the algorithm set forth in the specification, a processor that performs GPS reliability calculation processes described in Fig. 2 (block 602) and corresponding recitations in the specification as provided herein, or equivalents thereof. <i>See</i></p>	<p><b>Function:</b> calculating GPS positioning reliability based on the GPS-based position result</p> <p><b>Structure:</b> GPS reliability calculation unit 204, which is insufficient structure because the specification does not disclose the necessary algorithm or flowchart, which renders the term indefinite</p>	

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		<i>e.g.</i> , (2:60-65; block 602 in Fig. 2), (3:38-4:3), (5:3-7).		
10	<p><b>“cellular reliability calculation means for calculating cellular positioning reliability based on the cellular-based position result”</b> (’292 Patent, Claim 1)</p>	<p><b>Function:</b> calculating cellular positioning reliability based on the cellular-based position result</p> <p><b>Structure:</b> A cellular reliability calculation unit 304 and/or components within a mobile handset that perform processing functions, such as, a CPU programmed to execute processing in accordance with the algorithm set forth in the specification, , a processor that performs cellular reliability calculation processes as described in Fig. 2 (block 605) and corresponding recitations in the specification as provided herein, or equivalents thereof. <i>See e.g.</i>, (3:10-11; block 605 in Fig. 2), (4:15-42), (3:6-11), (5:3-7).</p>	<p><b>Function:</b> calculating cellular positioning reliability based on the cellular-based position result</p> <p><b>Structure:</b> cellular reliability calculation unit 304, which is insufficient structure because the specification does not disclose the necessary algorithm or flowchart, which renders the term indefinite</p>	
11	<p><b>“still pictures encoded by a second encoding method, and second pictures corresponding to the still pictures and having a smaller number of pixels than the still pictures are recorded”</b></p>	<p>Plain and ordinary meaning</p>	<p>“still pictures encoded by the first encoding method and by a second encoding method, and second pictures corresponding to the still pictures and having a smaller number of pixels than the still pictures are recorded”</p>	

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