

APPENDIX C
Obviousness Appendix for U.S. Patent No. 9,271,243

Based on Golden Eye's apparent positions as to the scope of the claims of the '243 Patent, as best they can be deciphered, the reference(s) charted below anticipate(s) or at least render(s) obvious each of the Asserted Claims.

Specifically, to the extent Golden Eye contends that any of the primary references identified in Exhibits C-1 *et seq.* do not disclose and/or render obvious any elements of the Asserted Claims of the '243 Patent, the elements would nonetheless have been obvious to a POSITA at the time of the invention by the combination of the primary reference with (1) the knowledge of someone skilled in the art, (2) one or more other primary references listed as teaching those elements in Exhibits C-1 *et seq.*, and/or (3) one or more of the following secondary references listed as teaching those elements in the claim charts below:

- U.S. Pat. Pub. No. 2010/0098036A1 ("Li") was filed on October 21, 2008, and published on April 22, 2010, and qualifies as prior art under at least pre-AIA 35 U.S.C. § 102 (b).
- U.S. Pat. Pub. No. 2008/0253314A1 ("Stephenson") was filed on December 30, 2005, and published on October 16, 2008, and qualifies as prior art under at least pre-AIA 35 U.S.C. § 102 (b).
- U.S. Patent No. 8,040,861 ("Calhoun") was filed on February 27, 2007, and issued on October 18, 2011, and qualifies as prior art under at least pre-AIA 35 U.S.C. § 102 (e).
- IEEE 802.11-2007 Standard ("IEEE 802.11 (2007)") was published on June 12, 2007, and qualifies as prior art under at least pre-AIA 35 U.S.C. § 102(b).

The excerpts cited herein are exemplary. For any claim limitation, Cisco reserves the right to rely on excerpts cited for any other limitation and/or additional excerpts not set forth fully herein to the extent necessary to provide a more comprehensive explanation for a reference's disclosure of a limitation. Where an excerpt refers to or discusses a figure or figure items, that figure and any additional descriptions of that figure should be understood to be incorporated by reference as if set forth fully herein. Similarly, where an excerpt cites to particular text referring to a figure, the citation should be understood to include the figure and related figures as well. All internal cross references are meant to incorporate the cross-referenced material as if fully set forth therein. Where Cisco states that a reference "discloses" a limitation, that disclosure may be express, implicit, and/or inherent.

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Claim Element	Exemplary Disclosures of Secondary References
1[pre] A device for controlling a wireless access point comprising:	To the extent the preamble is limiting, each of the references below discloses and/or render obvious the preamble. For example, <i>see, e.g.</i>: • Li at [0024], [0027] • Stephenson at [0043], [0072] • Calhoun at 3:37-4:11 • IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)
1[a] a grouping unit configured to group wireless access points using a same channel based on channel use information received from the wireless access points;	Each of the references below discloses and/or renders obvious this limitation. For example, <i>see, e.g.</i>: • Li at [0044], [0046], [0048] • Stephenson at [0059], [0072] • Calhoun at 2:59-3:20 • IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)
1[b] a map generator configured to compute a received signal strength indicator (RSSI) between the grouped wireless access points and an output strength value for each of the grouped wireless access points;	Each of the references below discloses and/or renders obvious this limitation. For example, <i>see, e.g.</i>: • Li at [0048], [0052] • Calhoun at 3:37-51; 5:5-12 • IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)
1[c] an extractor configured to extract a wireless access point having a highest RSSI value among the grouped wireless access points, if	Each of the references below discloses and/or renders obvious this limitation. For example, <i>see, e.g.</i>: • Li at [0061] • Stephenson at [0021], [0048], [0059], [0061], Fig. 10 • Calhoun at 3:37-51; 5:5-12

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interference occurs between the grouped wireless access points; and	• IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)
1[d] an optimal output strength value calculator configured to compute a corrected output strength value based on the highest RSSI value of the extracted wireless access point, a predetermined threshold value of the RSSI between the grouped wireless access points, and a currently used output strength value.	Each of the references below discloses and/or renders obvious this limitation. For example, <i>see, e.g.</i>: • Li at [0048], [0051], [0052], [0067], [0071] • Calhoun at 3:37-4:11 • IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)
[2] The device of claim 1, further comprising an output adjustment requester configured to transmit an output strength adjustment request to each of the grouped wireless access points, the output strength adjustment request being related to adjusting a current output strength value based on the corrected output strength value.	Each of the references below discloses and/or renders obvious this limitation. For example, <i>see, e.g.</i>: • Li at [0048], [0051], [0052], [0067], [0071] • Calhoun at 3:37-4:11; 4:57-5:4 • IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)
[4] The device of claim 1, wherein the map generator is configured to generate a virtual map including RSSI	Each of the references below discloses and/or renders obvious this limitation. For example, <i>see, e.g.</i>: • Li at [0052], [0048] • Stephenson at [0072]

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values between the grouped wireless access points and the output strength value of each of the grouped wireless access points.	• Calhoun at 1:28-33; 3:37-4:11 • IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)
11[pre] A method for controlling an output strength value of a wireless access point by a device for controlling the wireless access point, the method comprising:	To the extent the preamble is limiting, each of the references below discloses and/or renders obvious the preamble. For example, <i>see, e.g.</i>: • Li at [0048] [0071] • Stephenson at [0043], [0072] • Calhoun at 1:28-33; 3:37-4:11 • IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)
11[a] setting a channel for communication, searching for neighboring wireless access points, and transmitting information on the wireless access point and the searched neighboring wireless access points to the device for controlling the wireless access point, wherein the setting, searching and transmitting is performed by the wireless access point;	Each of the references below disclose and/or render obvious this limitation. For example, <i>see, e.g.</i>: • Li at [0046], [0048] • Stephenson at [0059], [0072] • Calhoun at 2:59-3:20; 3:37-4:11 • IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)
11[b] grouping wireless access points using a same channel, based on the information on the wireless access point and the	Each of the references below discloses and/or renders obvious this limitation. For example, <i>see, e.g.</i>: • Li at [0044], [0046], [0048] • Stephenson at [0059], [0072]

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neighboring wireless access points received from the wireless access point, the grouping being performed by the device for controlling the wireless access point;	• Calhoun at 2:59-3:20; 3:37-4:11 • IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)
11[c] determining whether interference has occurred between the grouped wireless access points and transmitting the determination to the device for controlling a wireless access point, the determining and the transmitting the determination being performed by the grouped wireless access points;	Each of the references below discloses and/or renders obvious this limitation. For example, <i>see, e.g.</i>: • Li at [0061] • Stephenson at [0021], [0048], [0059], [0061], Fig. 10 • Calhoun at 3:37-4:11 • IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)
11[d] computing a corrected output strength value for reducing the interference and transmitting the corrected output strength value to the wireless access point, the computing and the transmitting the corrected output strength being performed by the device for controlling the wireless access point; and	Each of the references below discloses and/or renders obvious this limitation. For example, <i>see, e.g.</i>: • Li at [0048], [0051], [0052], [0067], [0071] • Calhoun at 3:37-4:11; 4:57-5:4 • IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)

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11[e] adjusting a current output strength value based on the corrected output strength value, the adjusting being performed by the wireless access point.	Each of the references below discloses and/or renders obvious this limitation. For example, <i>see, e.g.</i>: • Li at [0027], [0045], [0047] • Stephenson at [0021], [0048], [0059], [0061], Fig. 10 • Calhoun at 3:37-4:11; 4:57-5:4 • IEEE 802.11 (2007) at 39 (§ 5.4.4.1); 113 (§ 7.3.2.17 et seq.); 142 (§ 7.4.1.3 et seq.); 348 (Fig. 10-5); 461 (§ 11.8); 524 (§ 14.6.14.3)