

# **EXHIBIT 2**

# **TO COMPLAINT**

(12) **United States Patent**  
**Brownrigg et al.**

(10) **Patent No.:** **US 8,625,496 B2**  
 (45) **Date of Patent:** **\*Jan. 7, 2014**

(54) **WIRELESS NETWORK SYSTEM AND METHOD FOR PROVIDING SAME**

(75) Inventors: **Edwin B. Brownrigg**, Roseville, CA (US); **Thomas W. Wilson**, Alameda, CA (US)

(73) Assignee: **IPCO, LLC**, Atlanta, GA (US)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

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**Related U.S. Application Data**

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(51) **Int. Cl.**  
**H04W 4/00** (2009.01)

(52) **U.S. Cl.**  
 USPC ..... **370/328**; 455/11.1

(58) **Field of Classification Search**  
 None  
 See application file for complete search history.

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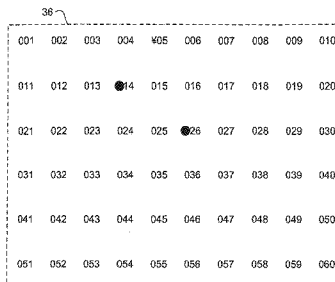
*Primary Examiner* — Yong Zhou

(74) *Attorney, Agent, or Firm* — Dustin B. Weeks, Esq.; Troutman Sanders LLP

(57) **ABSTRACT**

A wireless network, which includes a wireless router client operable to broadcast data packets to at least one wireless server and one additional wireless client. Each client and server includes programs for determining optimum routes between them. The client also includes a program for determining if a received data packet is not addressed to it and if the packet has been sent via a new optimal route unknown to the client, and for notifying the respective server of such a new optimal route.

**45 Claims, 42 Drawing Sheets**



There is only one Internet server in range of client 5.  
 5 will issue an “I am alive” packet seeking a route to the Internet.  
 Internet server 14 will respond and add user client 5 to its routing table as its left son.  
 The updated routing table of Internet server 14 is as follows:

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