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**Scherzer et al.**

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(54) **IMPLEMENTING "ALL WIRELESS"  
NETWORK OVER WIFI EQUIPMENT USING  
"SCHEDULED TDMA"**

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patent is extended or adjusted under 35  
U.S.C. 154(b) by 1625 days.

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**H04W 84/12** (2009.01)

(52) **U.S. Cl.**  
CPC ..... **H04W 84/12** (2013.01)

(58) **Field of Classification Search**  
CPC .... H04W 84/12; H04W 84/18; H04W 74/004  
USPC ..... 370/463, 442, 238, 328; 455/522, 502;  
375/356

See application file for complete search history.

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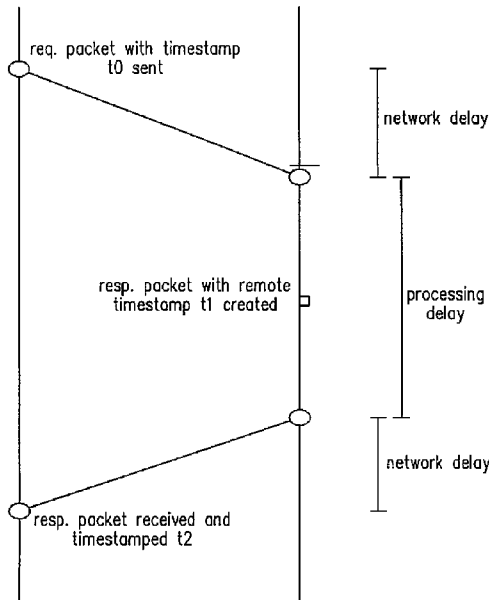
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(57) **ABSTRACT**

A technique is disclosed to schedule frame transmissions in a  
wireless network utilizing scheduled TDMA by synchroniz-  
ing clocks in repeater and backhaul access points.

**19 Claims, 9 Drawing Sheets**



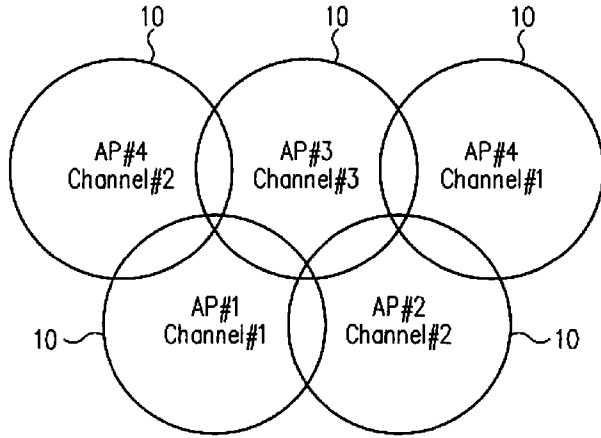


FIG. 1A

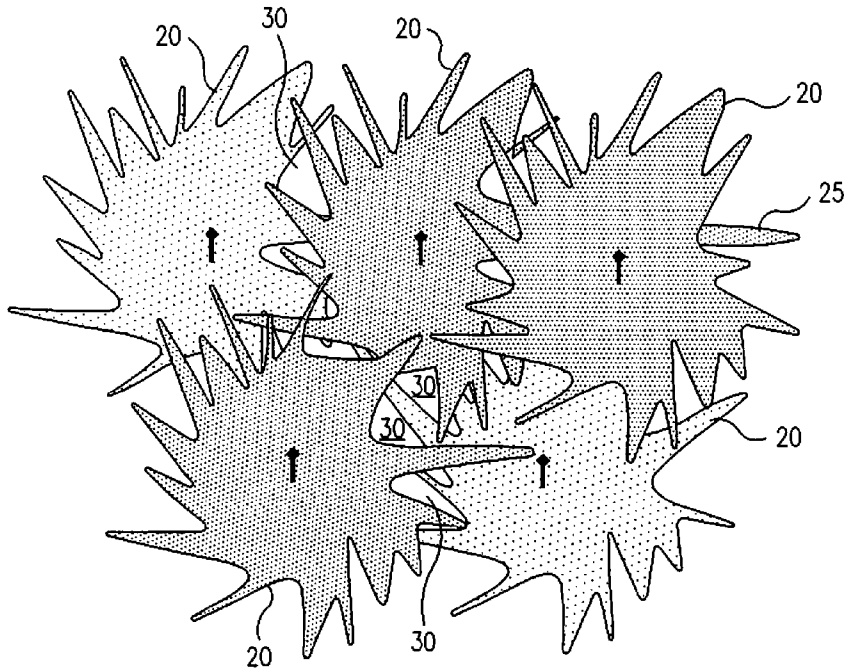


FIG. 1B

PRIOR ART

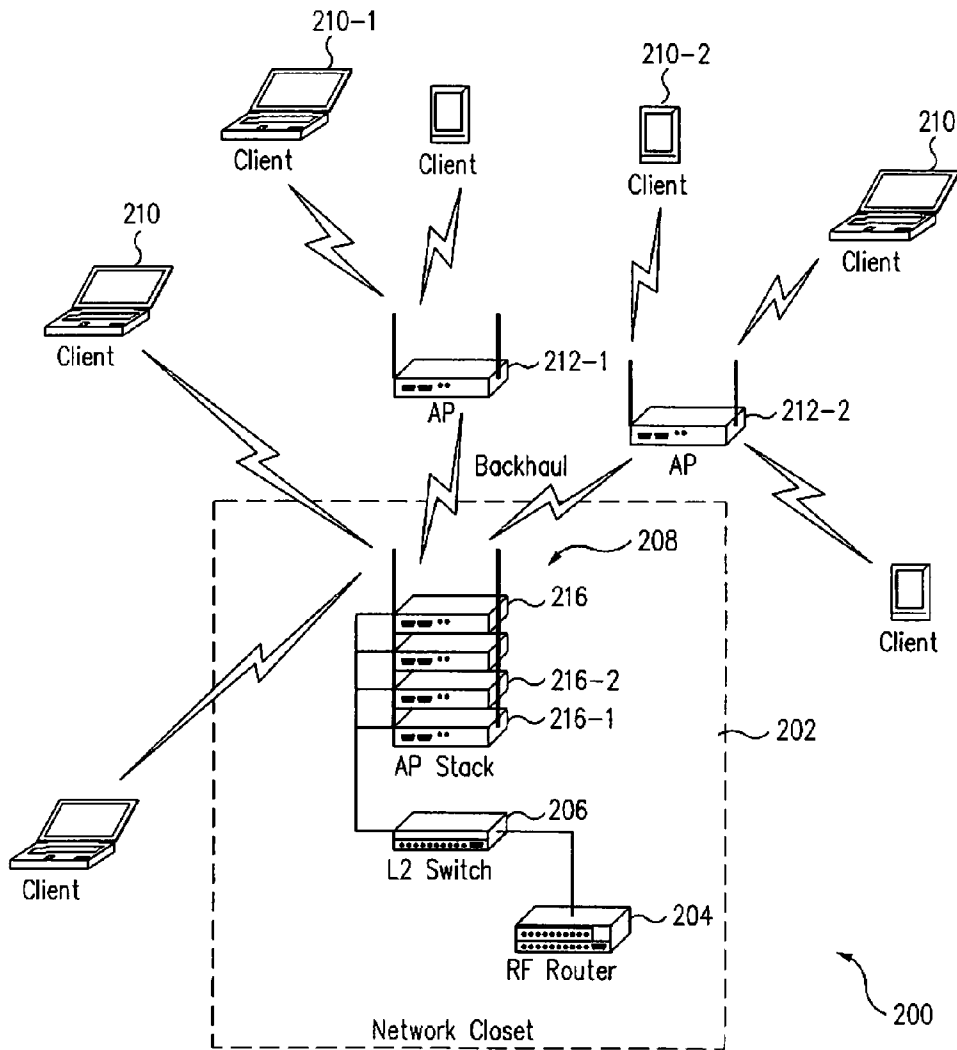


FIG. 2

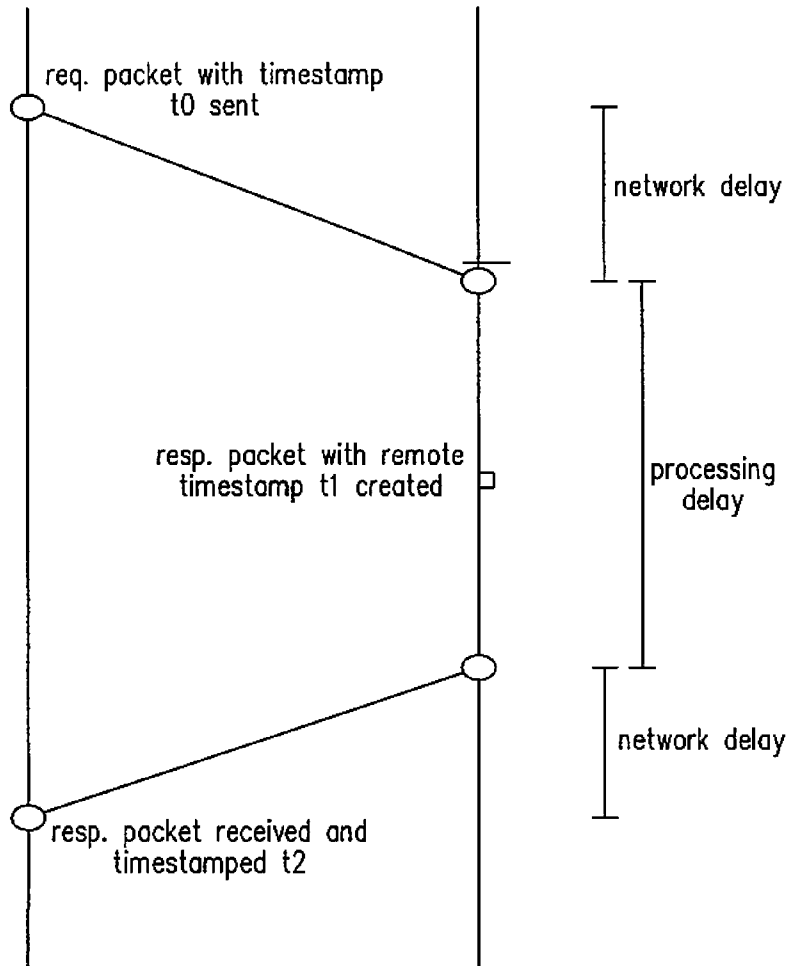


FIG. 3

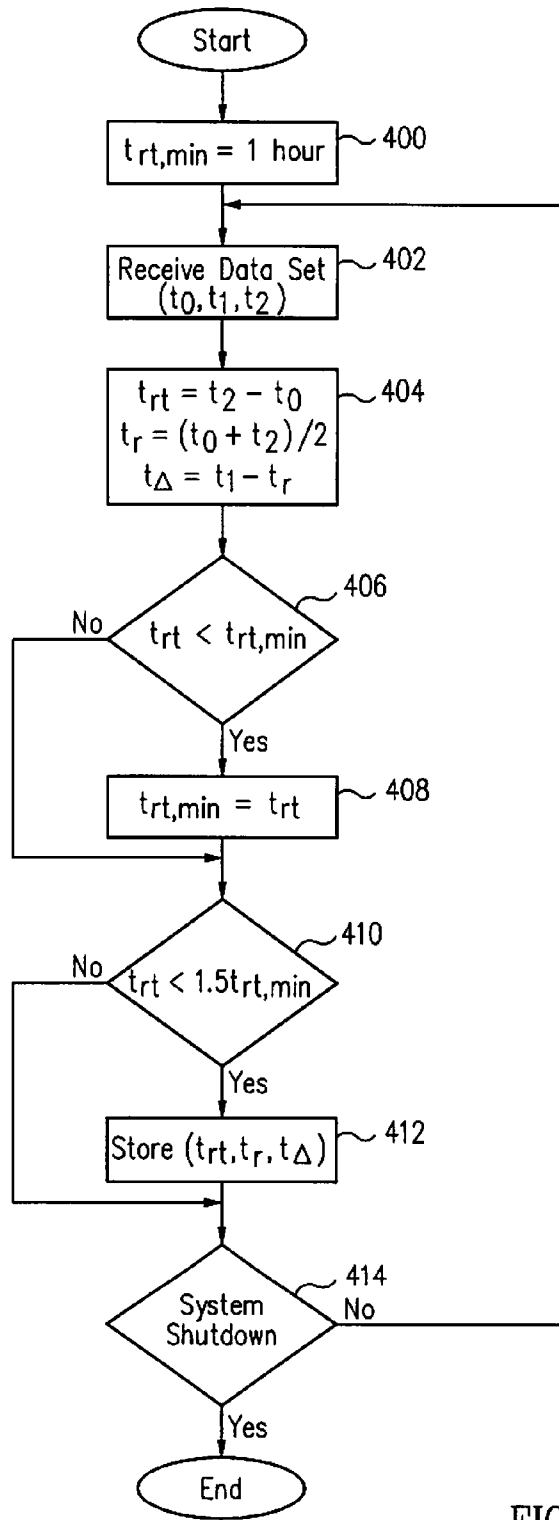


FIG. 4A

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