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**Fulknier et al.**(10) **Pub. No.: US 2007/0110017 A1**(43) **Pub. Date: May 17, 2007**(54) **MOBILE ROUTER DEVICE****Publication Classification**(75) Inventors: **John C. Fulknier**, Allston, MA (US);  
**Brian J. Smith**, Somerville, MA (US)(51) **Int. Cl.****H04Q 7/24** (2006.01)(52) **U.S. Cl.** ..... **370/338; 370/351**

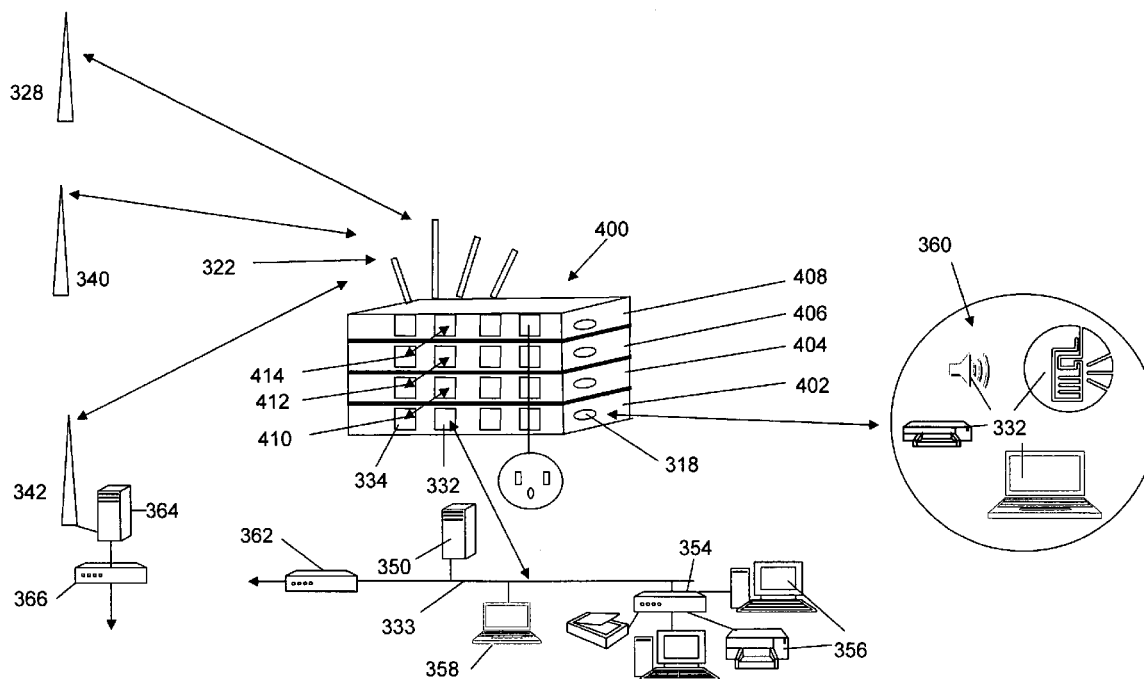
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**ABSTRACT**(73) Assignee: **WAAV INC.**, Cambridge, MA (US)(21) Appl. No.: **11/650,634**(22) Filed: **Jan. 6, 2007****Related U.S. Application Data**(63) Continuation-in-part of application No. 11/497,892,  
filed on Aug. 2, 2006.(60) Provisional application No. 60/595,747, filed on Aug.  
2, 2005.

A wireless mobile router (300) includes a CPU (222) and one or more network interfaces for hosting locally reachable devices. The router (300) includes one or more cellular network interface devices (316) configured to make a network connection with a cellular network. The router (300) operates to translate data packets received from locally reachable devices and to direct the translated data packets to public IP address over the cellular network. In addition, a stack of mobile routers (400) includes two or more mobile routers (300) interfaced together to make two or more network connections with a cellular network for increasing bandwidth and for load balancing network traffic passing from the router (300) to the cellular network. The wireless mobile router (300) and the stack (400) are suitable for use in a moving vehicle.



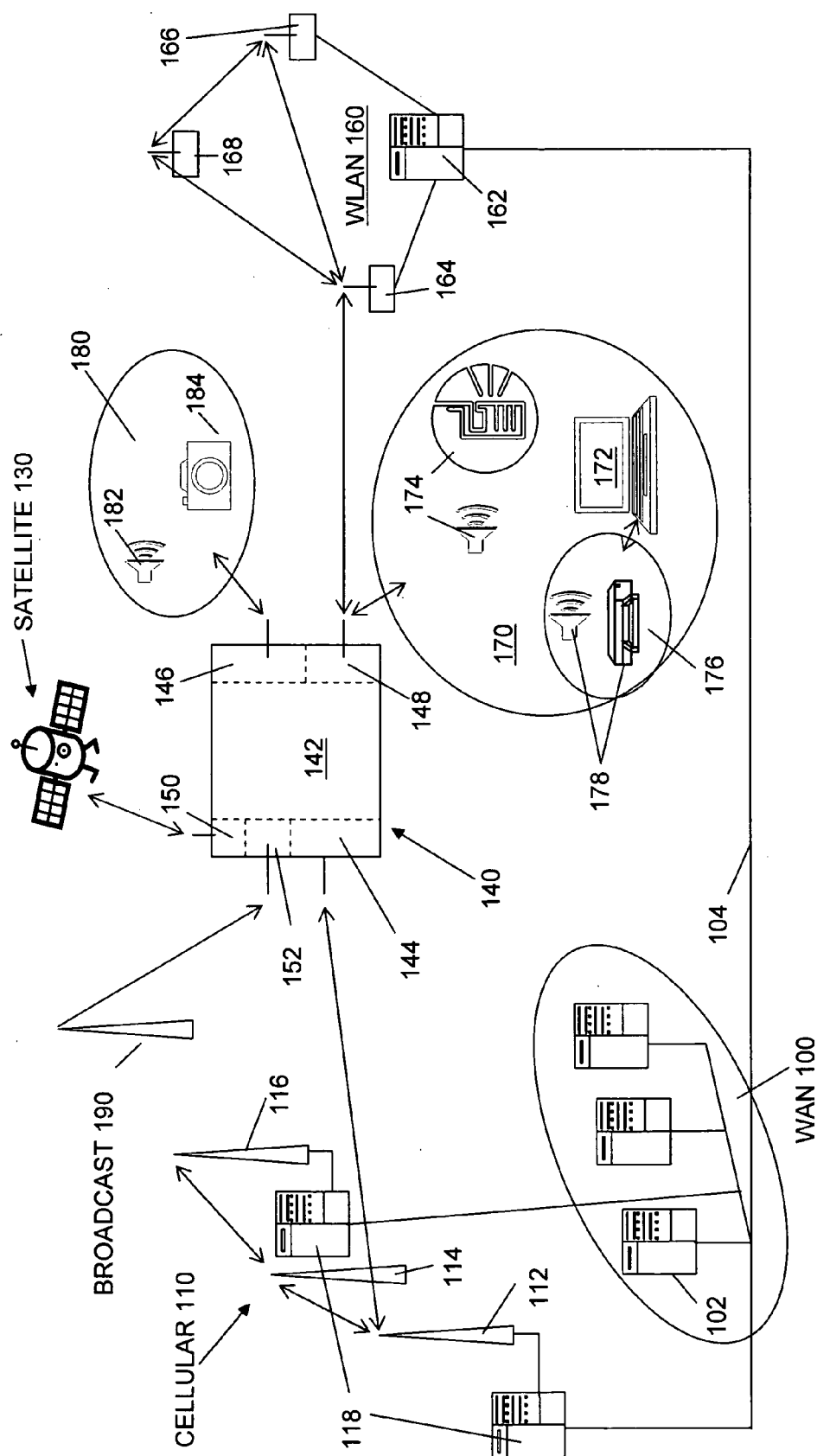


FIGURE 1

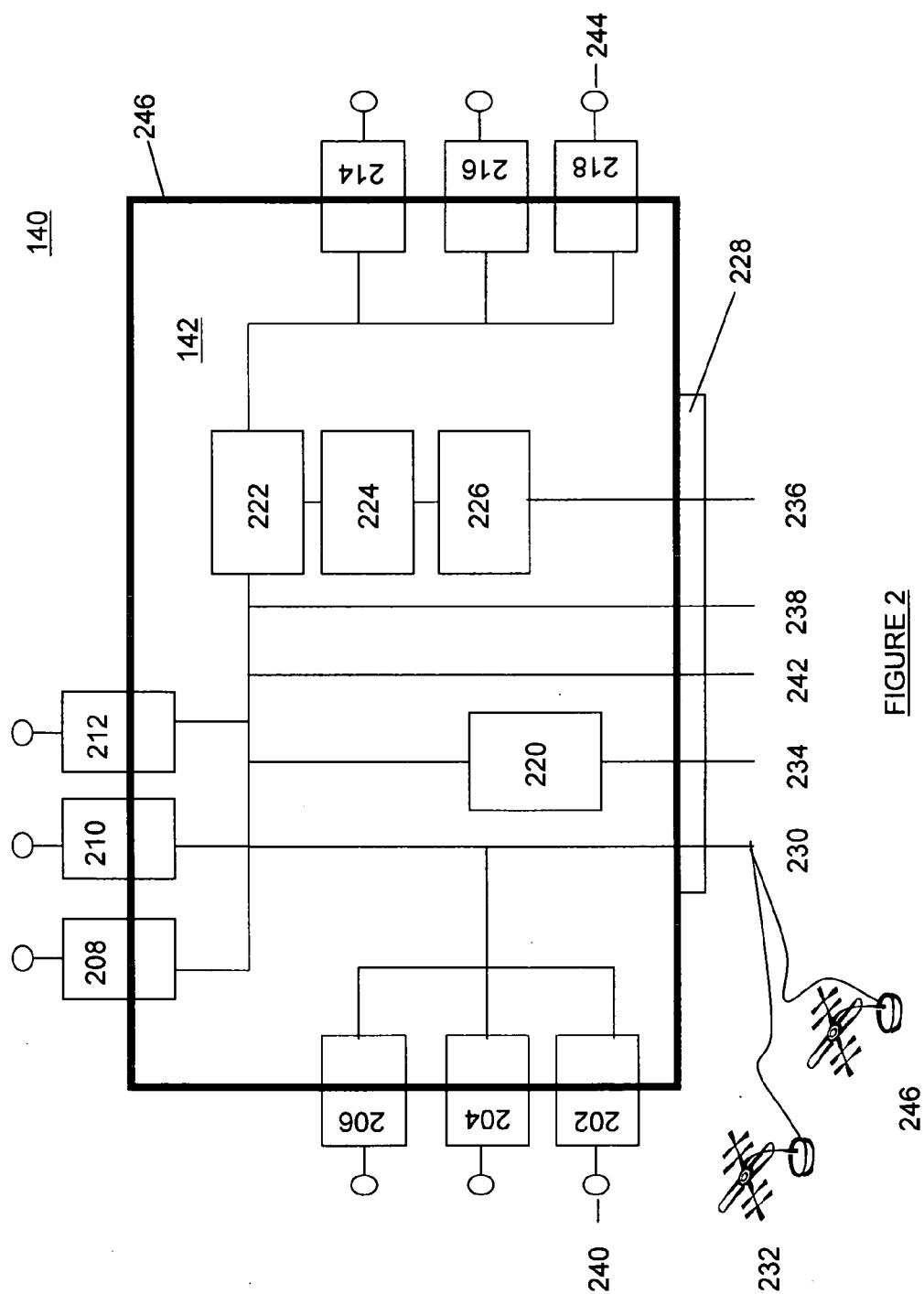


FIGURE 2

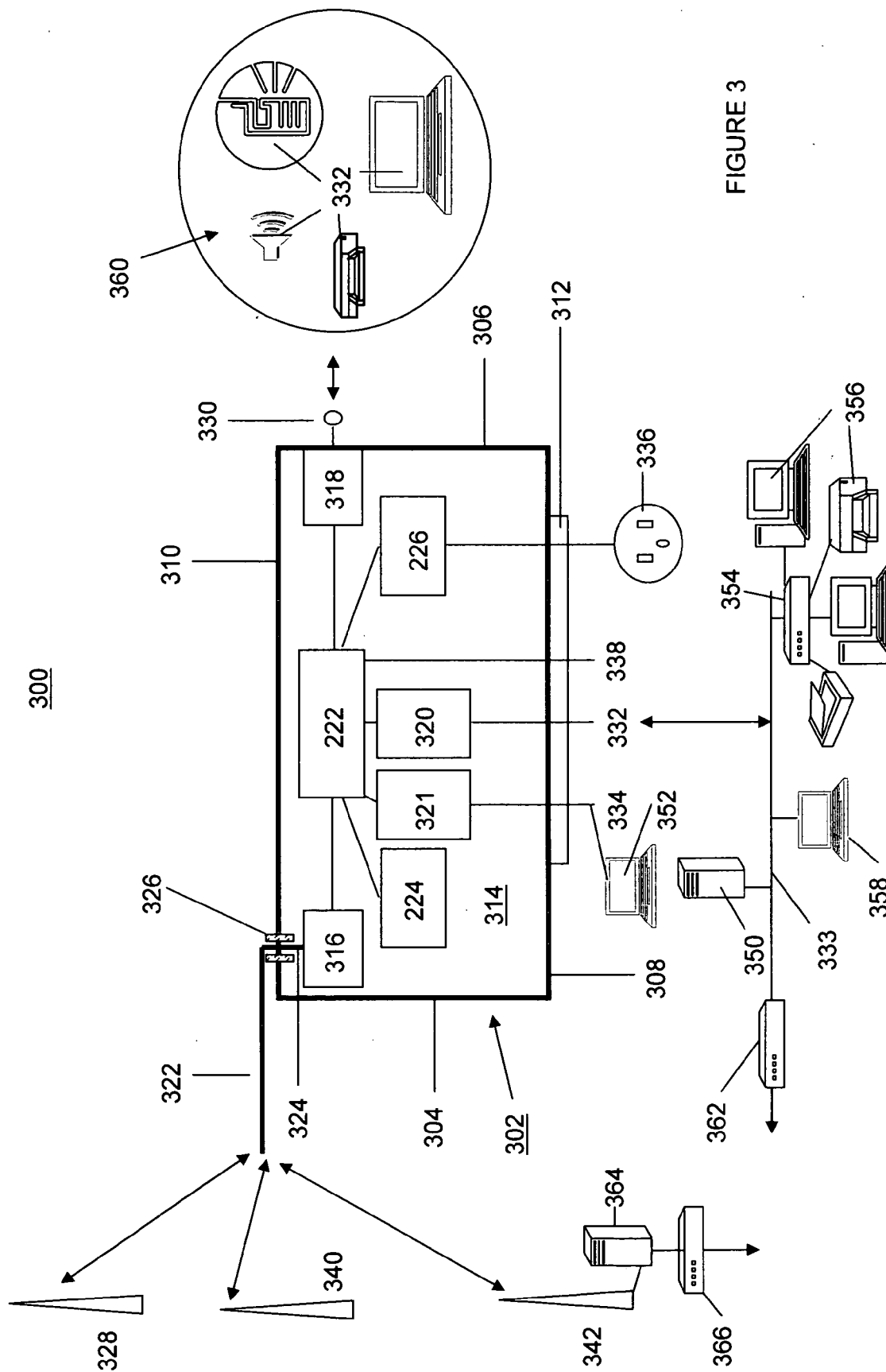
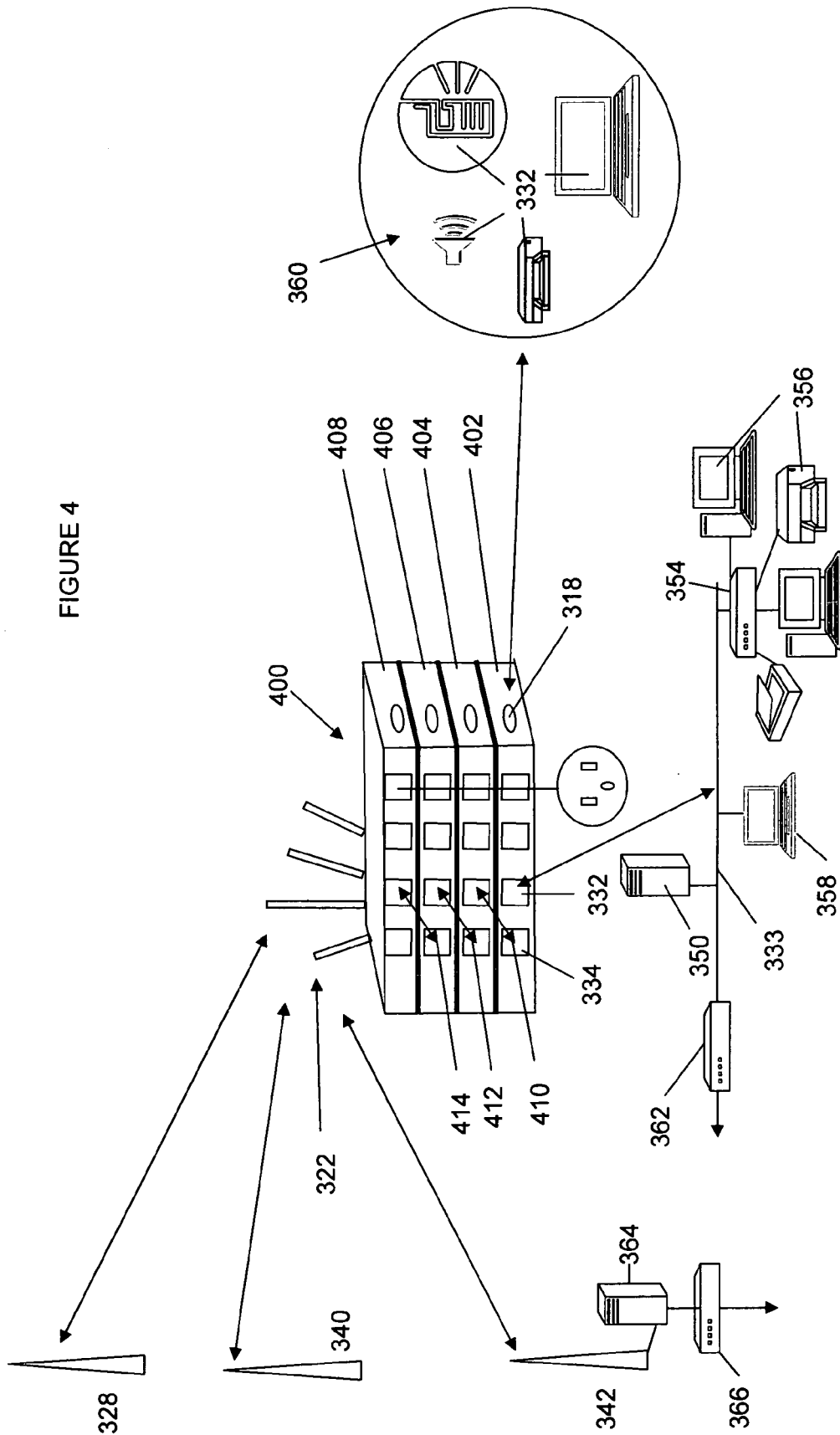


FIGURE 3



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