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(54) **MOBILE ROUTER DEVICE**

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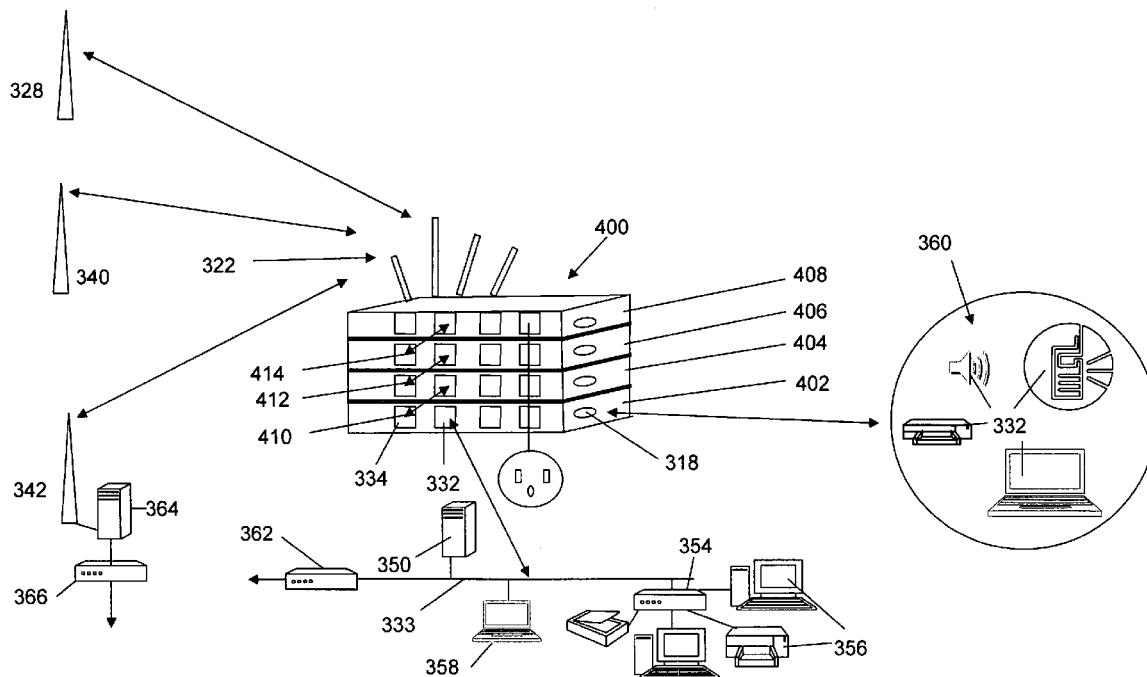(73) Assignee: **WAAV INC.**, Cambridge, MA (US)

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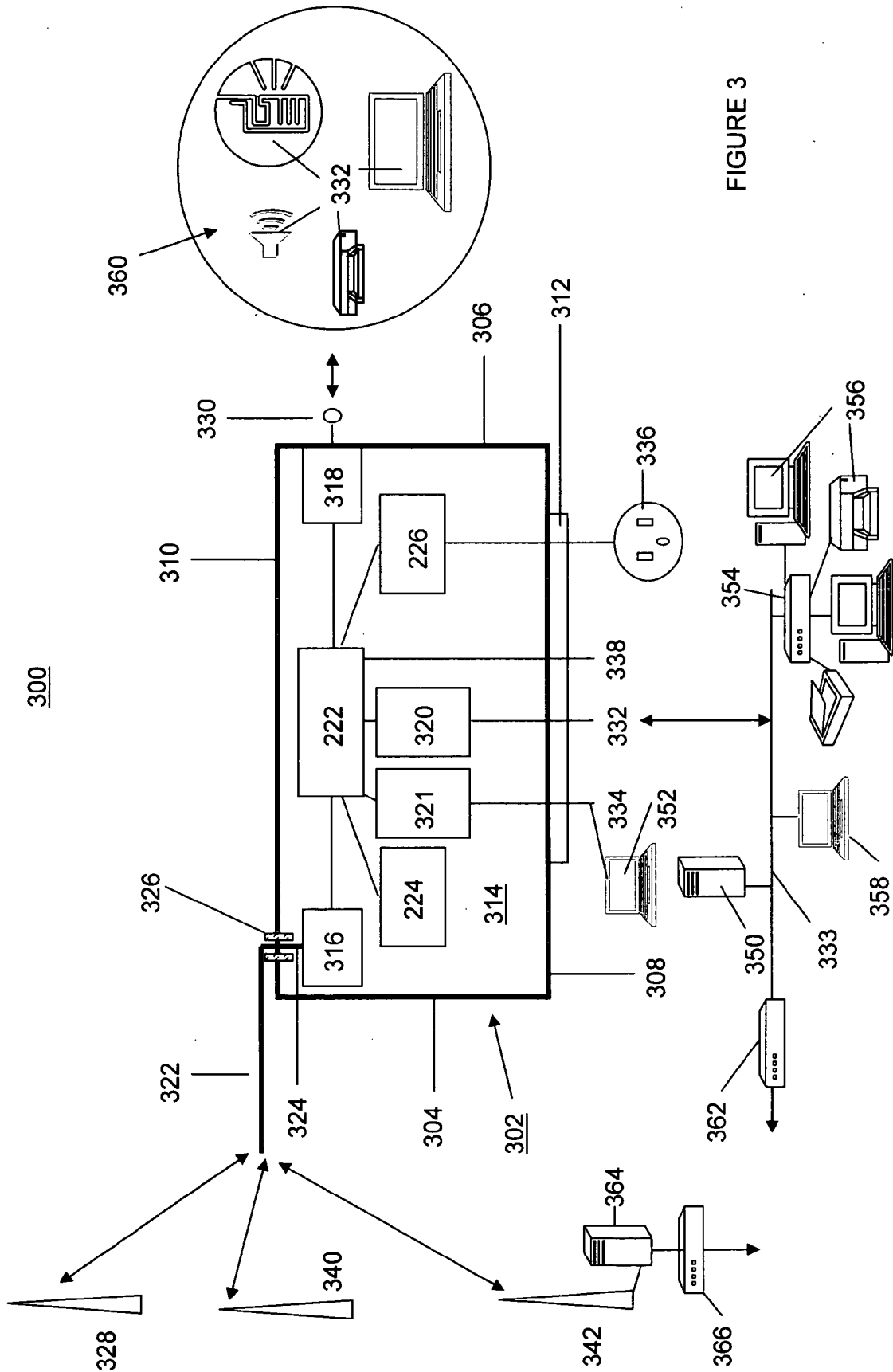(60) Provisional application No. 60/595,747, filed on Aug. 2, 2005.

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(57) **ABSTRACT**

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

FIGURE 4

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