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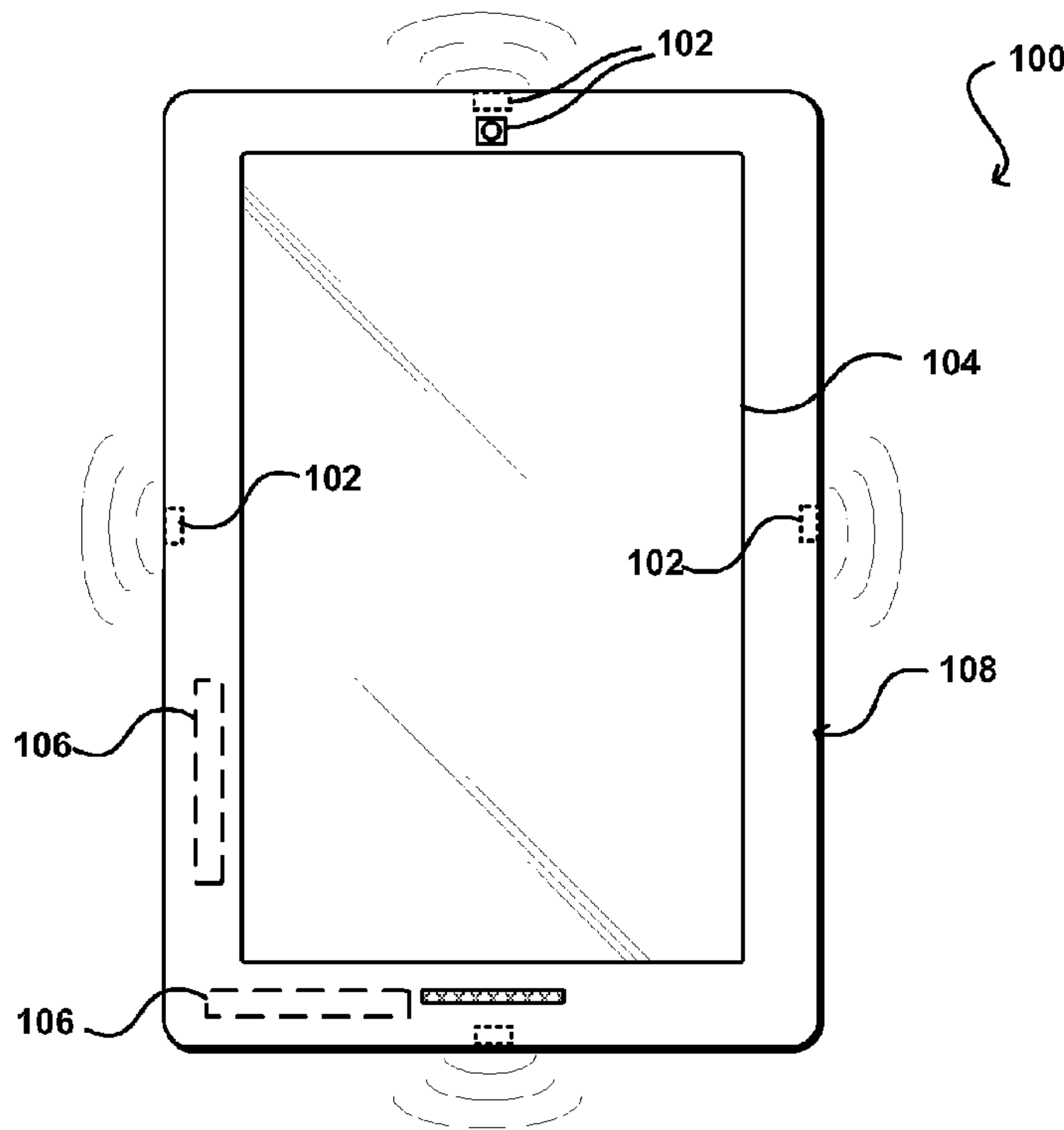
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 (54) Title: APPROACHES FOR DEVICE LOCATION AND COMMUNICATION



(57) Abrégé/Abstract:

A client device can utilize image capture technology to automatically detect the presence and relative location of various computing devices near the client device. The client device can use infrared communication, or another such approach, in order to obtain identifying information for at least some of these devices, and can display the identities and relative positions to a user of the client device. The relative positions of each device can be tracked and updated, and the client device can send communications to specific devices based at least in part upon the received identifying information. While the relative position can be tracked using the infrared or similar capture elements, the communications can be performed using any appropriate protocol or technology.