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- (54) **COMPACT AND DURABLE MESSENGER DEVICE**
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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 412 days.

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H04M 1/00 (2006.01)

(52) **U.S. Cl.** **455/575.1**; 455/566; 455/556.1; 345/173

(58) **Field of Classification Search** 455/550, 455/575.1, 566, 550.1, 575.3; 379/433.01, 379/433.13, 433.07, 368
See application file for complete search history.

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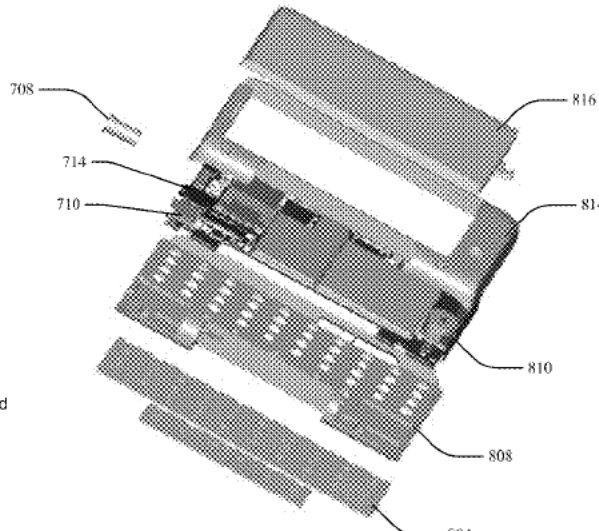
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(57) **ABSTRACT**

The subject innovation and/or methods relate to a compact durable communication device that can include a plurality of improvements to provide durability and thinness. The devices can be a clamshell smartphone, a messenger device, a thin smartphone, and/or any other suitable mobile communication device. The improvements can include a magnesium plate, an opening for an electrical component associated with the plate, internal antenna placement, an extended backlight for a dual display, and/or a mono hinge to provide connectivity.

15 Claims, 24 Drawing Sheets



804 - QWERTY Keyboard
808 - Magnesium Plate
810 - PCB
814 - Lower back case
816 - Battery Pack
708 - Joint
710 - USB

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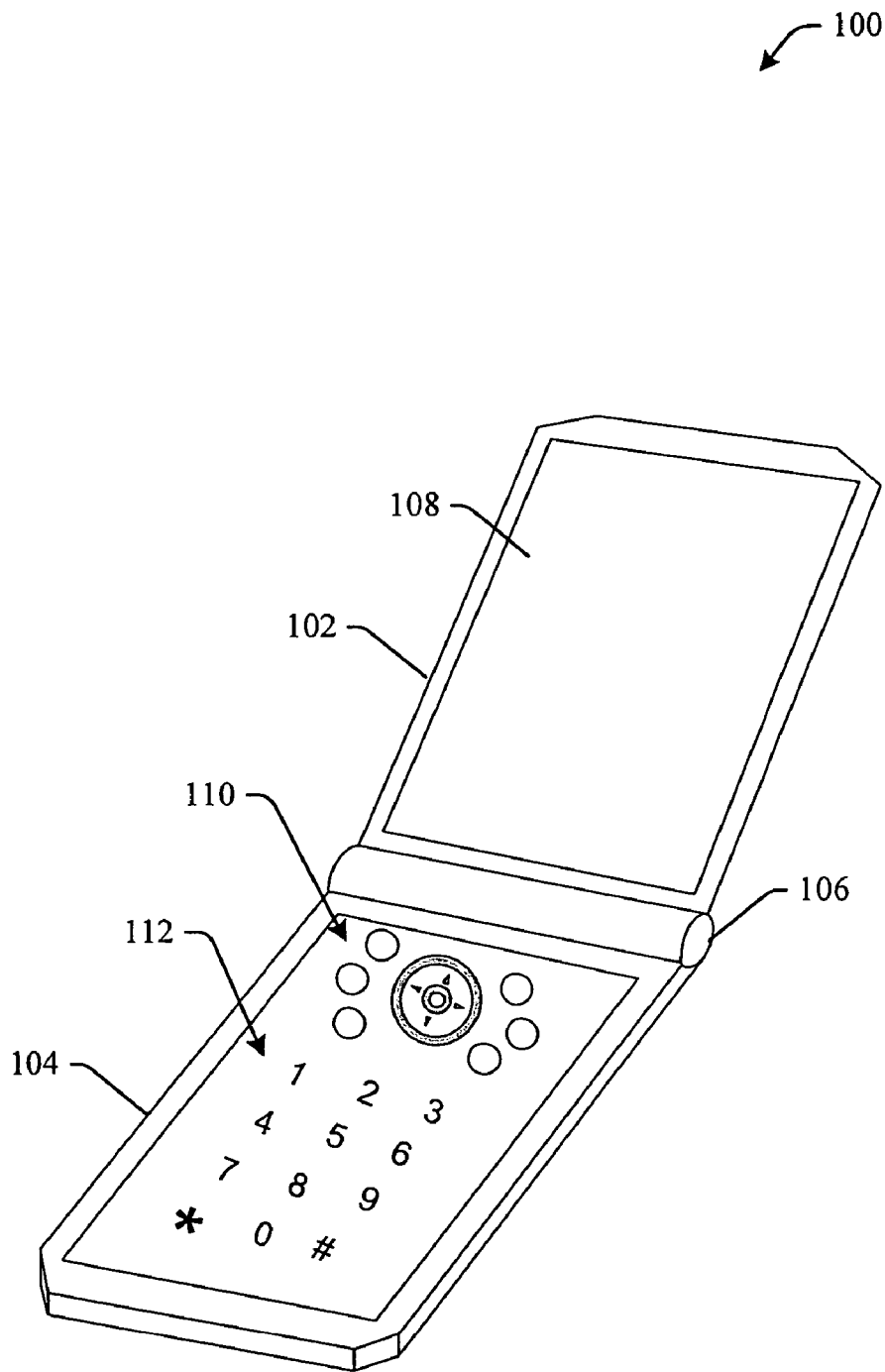


FIG. 1

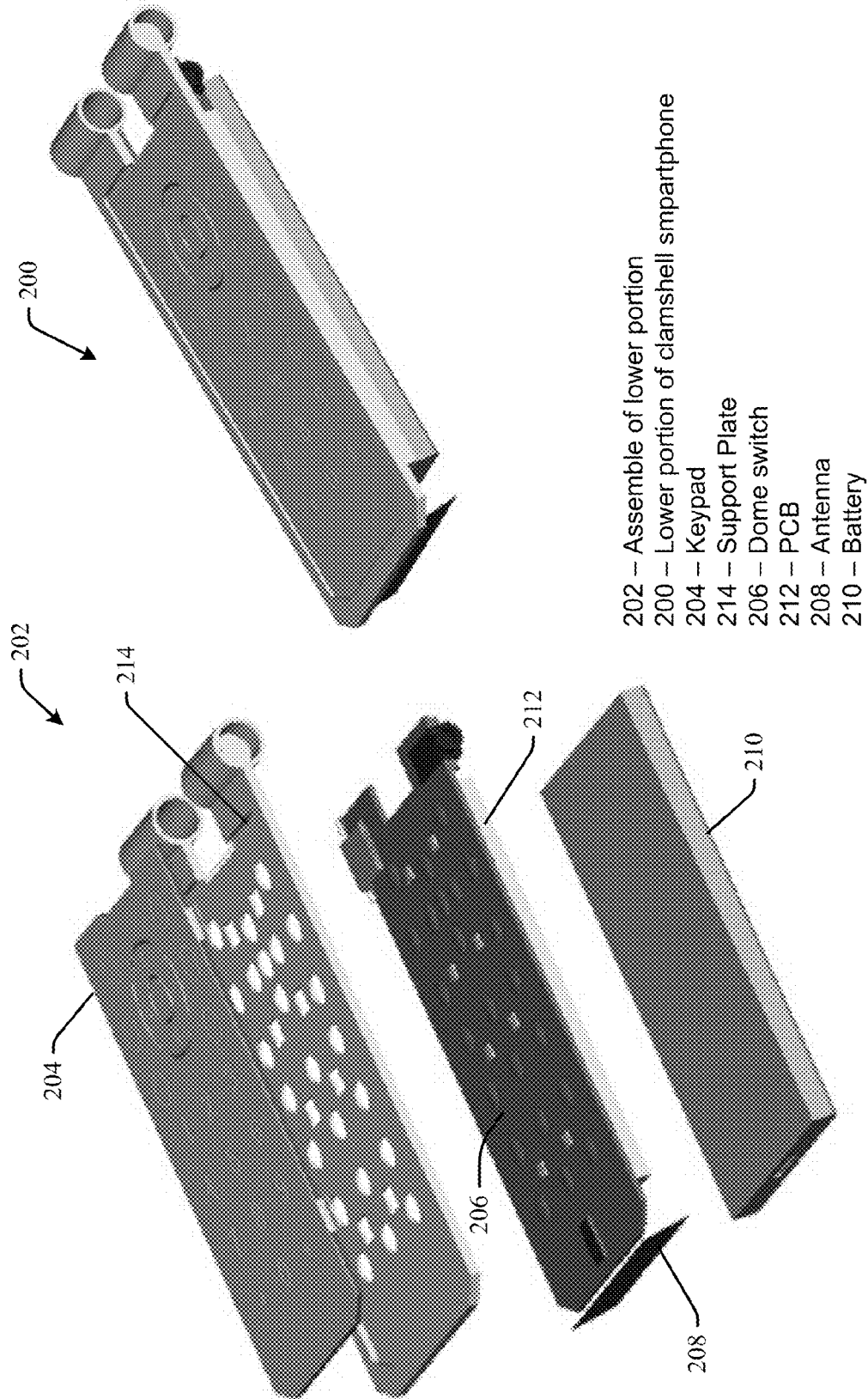


FIG. 2

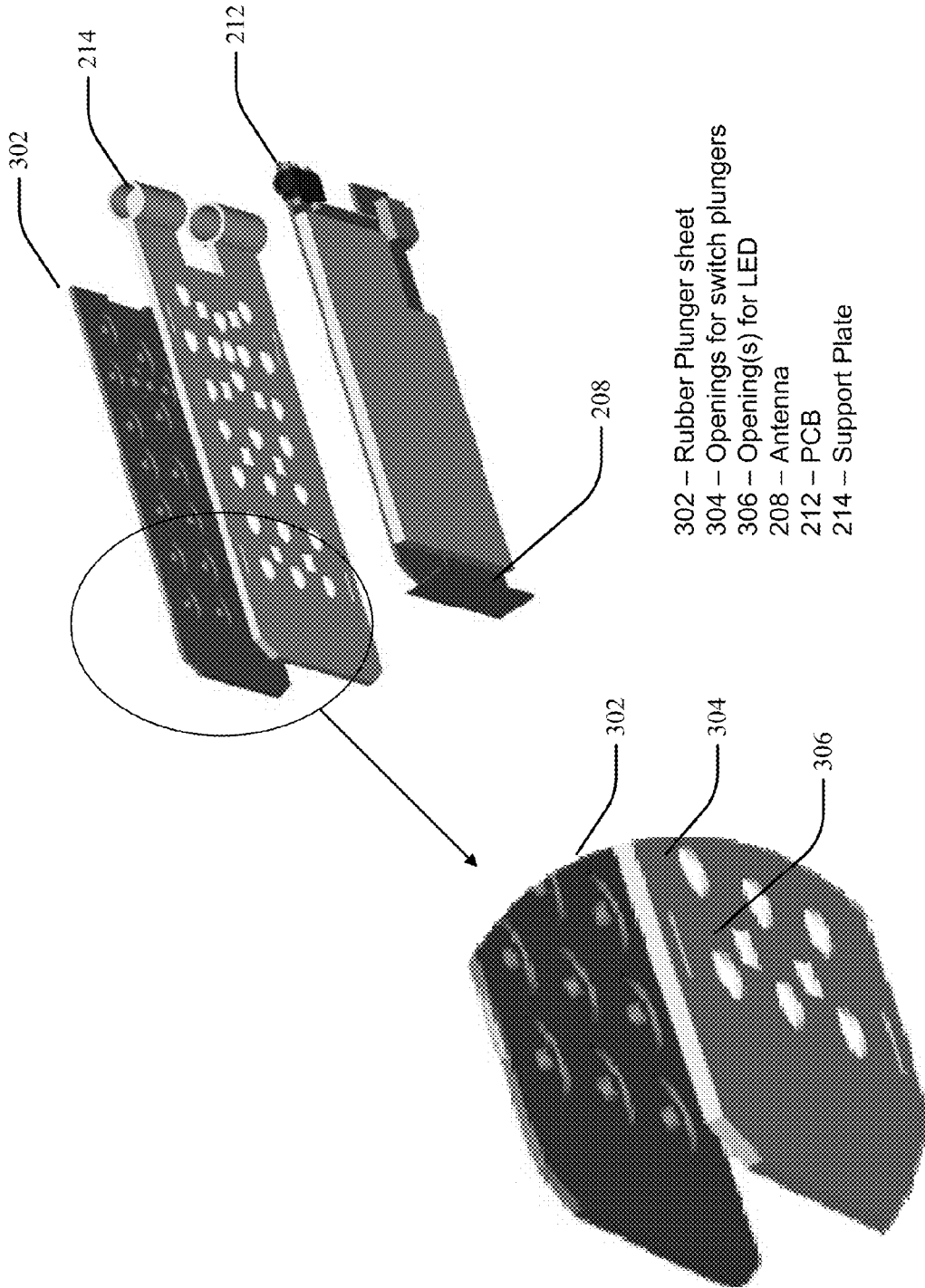


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