United States Patent [19]

Collett et al.

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[54] CONFORMANT COMPACT PORTABLE CELLULAR PHONE CASE SYSTEM AND CONNECTOR

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[21] Appl. No.: 374,926

[22] Filed: Jan. 18, 1995

[51] **Int. Cl.**⁶ **H04B 1/034**; H04B 1/38; H04Q 7/32

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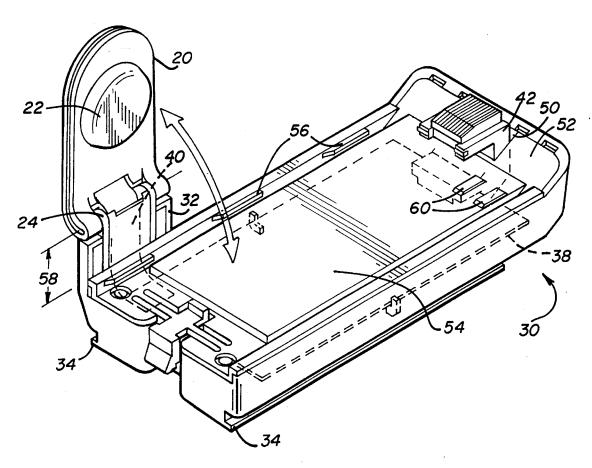
Primary Examiner—Chi H. Pham

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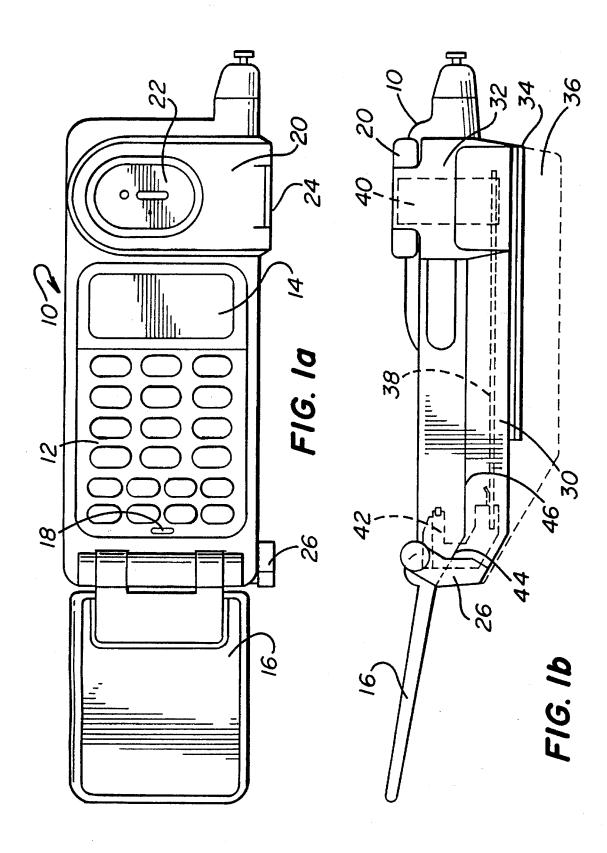
[57] ABSTRACT

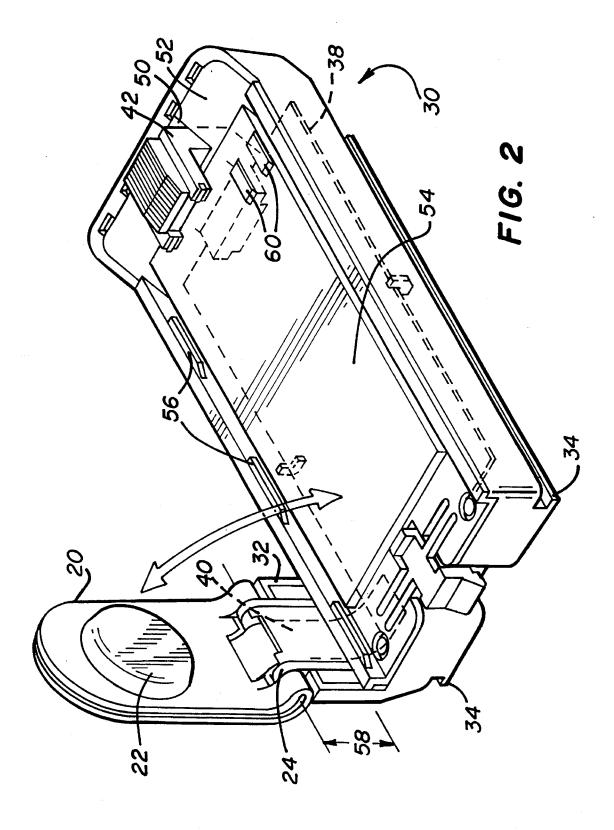
A compact portable cellular telephone extension that provides additional electronic functions is implemented in a case attachable to a first external surface of the cellular phone to form a physically integral unit. A connector is supported by the case and couples the extension electronics to the cellular phone electronics. The connector connects through a second external surface of the cellular phone that lies in a plane different from the plane of the first external surface. A speaker arm extends from the case and supports a speaker unit. The speaker arm is positionable in a first position adjacent a third external surface of the cellular phone and in a second position away from the third external surface allowing the case to be readily attached and detached.

12 Claims, 10 Drawing Sheets

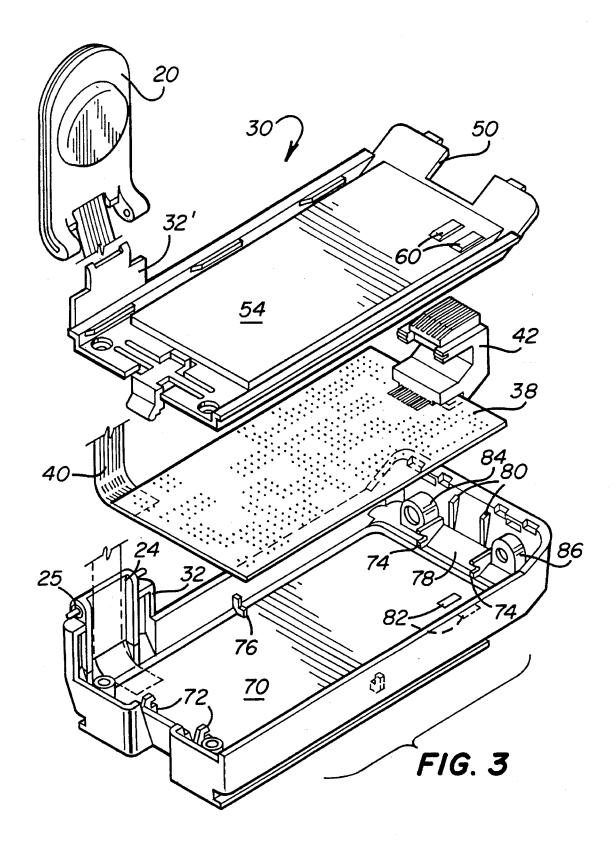




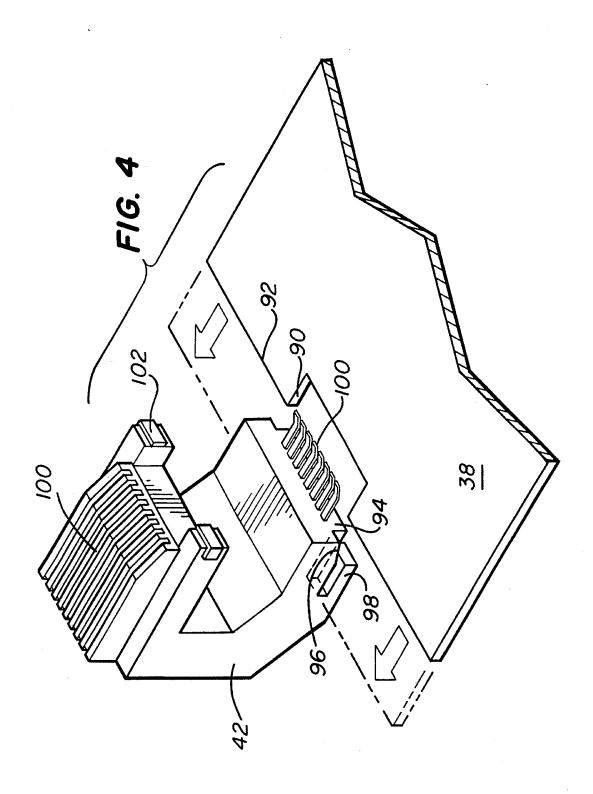














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