

**14.** The hand-held mobile unit of claim 8, further comprising:

a wide area network air interface module to support wireless network communications.

**15.** The hand-held mobile unit of claim 8, further comprising:

a local area network air interface module to support wireless personal area network communications.

**16.** For use in a stand-alone flexible-retractable peripheral system, a method comprising:

extending a flexible-retractable peripheral, the flexible-retractable peripheral being a selected from the group consisting of a display and a keyboard;

advertising a service via a wireless link, the advertisement indicative of a peripheral service provided by the extended flexible-retractable peripheral;

engaging in a service discovery protocol sequence with a mobile unit via a short-range wireless connection;

coupling the flexible-retractable peripheral service to the mobile unit; and

providing an input and/or output peripheral service to the mobile unit using the extended surface of the flexible-retractable peripheral.

**17.** The method of claim 16, wherein the advertising of the service is performed automatically in response to the act of extending.

**18.** The method of claim 16, wherein the act of engaging in service discovery further comprises:

coupling a message to an external network server;

supporting a session connection between the mobile unit and the external network server;

whereby the mobile unit and the network server engage in an admission protocol to determine whether the mobile unit will be granted access to the flexible-retractable peripheral service.

**19.** The method of claim 16, wherein the stand-alone flexible-retractable peripheral system is vehicle-mounted.

**20.** The method of claim 19, wherein the stand-alone flexible-retractable peripheral service supports video program viewing.

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