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## United States Patent [19]

Jones et al.

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[54]	AUTOMATIC MEDIA SWITCHIN		
	APPARATUS AND METHOD		

[75] Inventors: Wesley Stuart Jones, Schaumburg;

Louis P. Dellaverson, Barrington, both

of Ill.

[73] Assignee: Motorola, Inc., Schaumburg, Ill.

[\*] Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year

patent term provisions of 35 U.S.C. 154(a)(2).

[21] Appl. No.: 08/827,014

[22] Filed: Mar. 25, 1997

[51] Int. Cl.<sup>7</sup> ...... H04M 11/00

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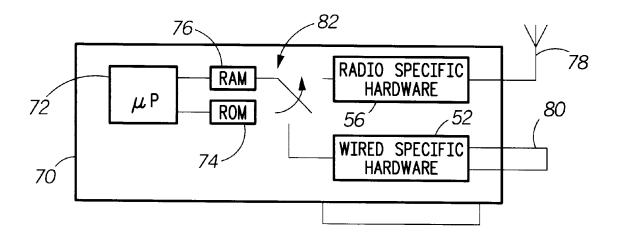
Primary Examiner—Chi H. Pham Assistant Examiner—Frank Duong

Attorney, Agent, or Firm-Charles W. Bethards

### [57] ABSTRACT

A media switching apparatus automatically switches a user device between wired and wireless service mediums of communications networks. The switching apparatus includes a protocol stack having a network layer, a logical link control, a first set of lower layers specific to a wired service medium and a second set of lower layers specific to a wireless service medium. A selector is responsive to the availability of a wired service medium for selecting the first set of lower layers and is further responsive to the non-availability of a wired service medium and the availability of a wireless service medium for selecting the second set of lower layers.

### 24 Claims, 6 Drawing Sheets





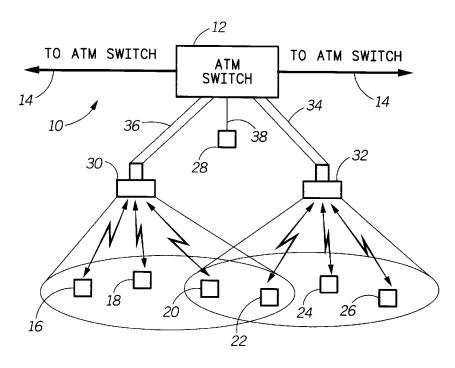
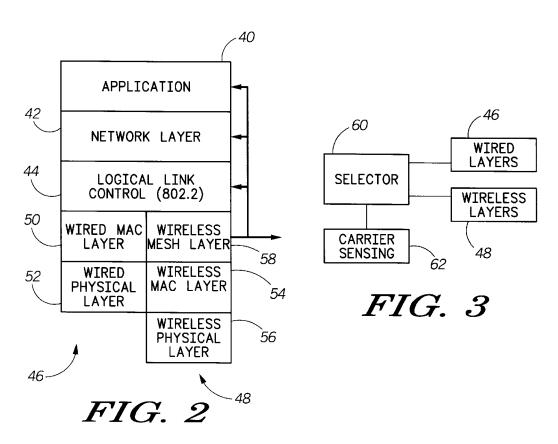
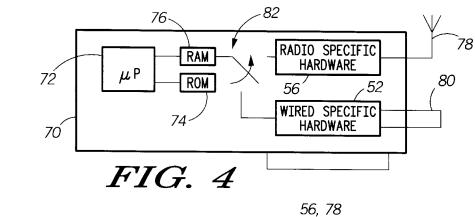


FIG. 1





Oct. 24, 2000

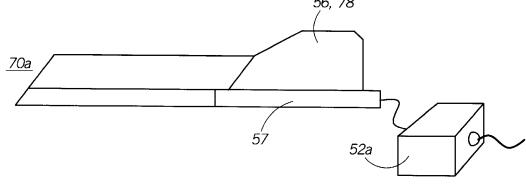
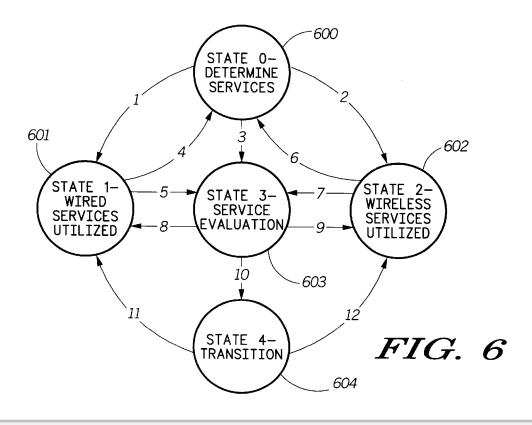


FIG. 5





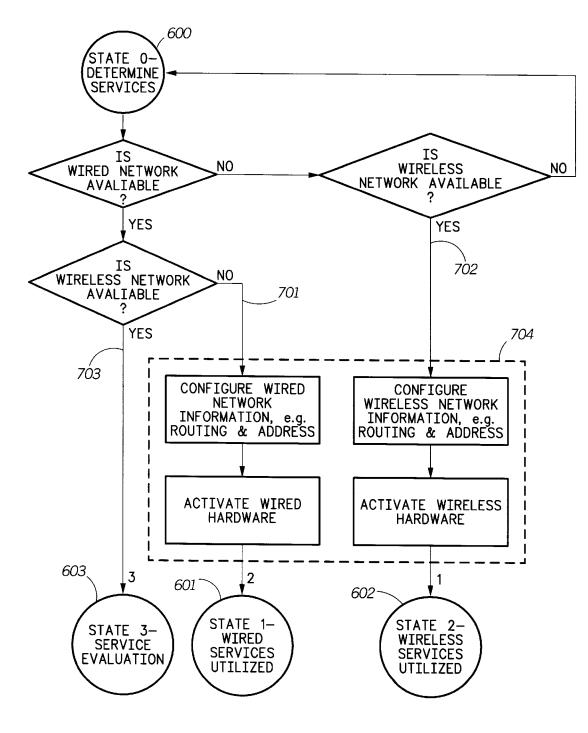
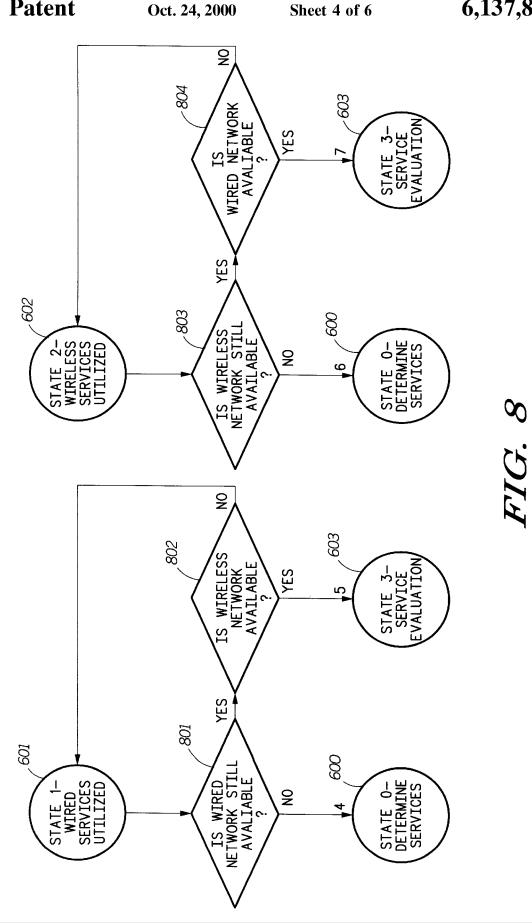


FIG. 7





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