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## United States Patent [19]

## Caputo

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5,675,831

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Oct. 7, 1997

[54]	METHOD FOR AUTOMATIC
	INSTALLATION OF A MODEM WHEREIN
	UNIQUE IDENTIFICATION FOR THE
	DEVICE REGISTRY IS COMPUTED FROM
	MODEM RESPONSES TO QUERIES BY THE
	SYSTEM

[75] Inventor: Christopher P. Caputo, Redmond,

Wash.

[73] Assignee: Microsoft Corporation, Redmond,

Wash.

[21] Appl. No.: 486,959

[22] Filed: Jun. 7, 1995

### Related U.S. Application Data

[63] Continuation of Ser. No. 356,059, Dec. 13, 1994.

[51] Int. Cl.<sup>6</sup> ...... G06F 9/00; G06F 13/10

884, 892

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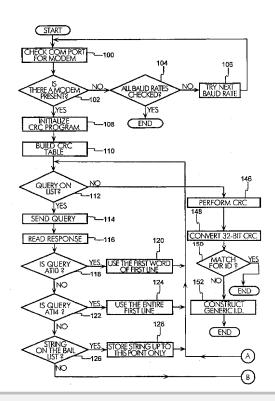
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Primary Examiner—Thomas C. Lee Assistant Examiner—Ki S. Kim Attorney, Agent, or Firm—Klarquist Sparkman Campbell Leigh & Whinston

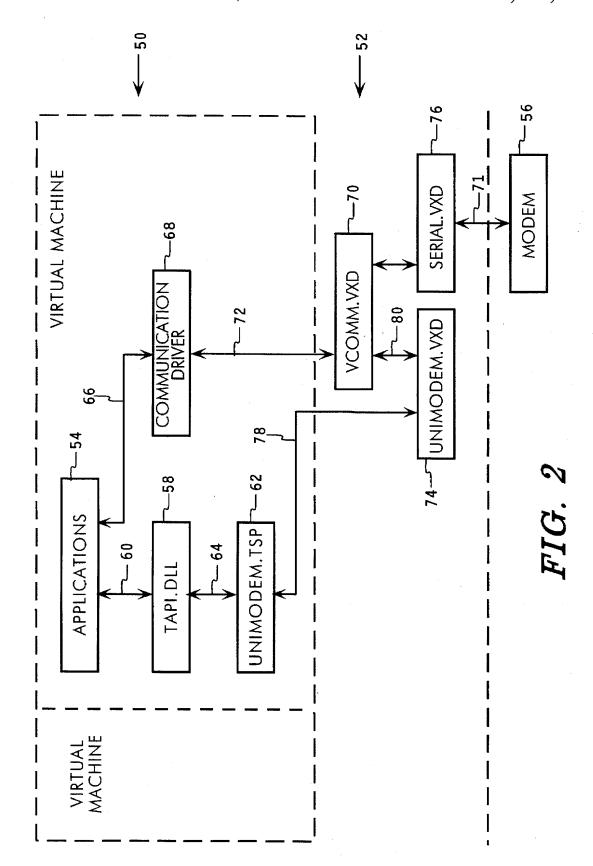
#### [57] ABSTRACT

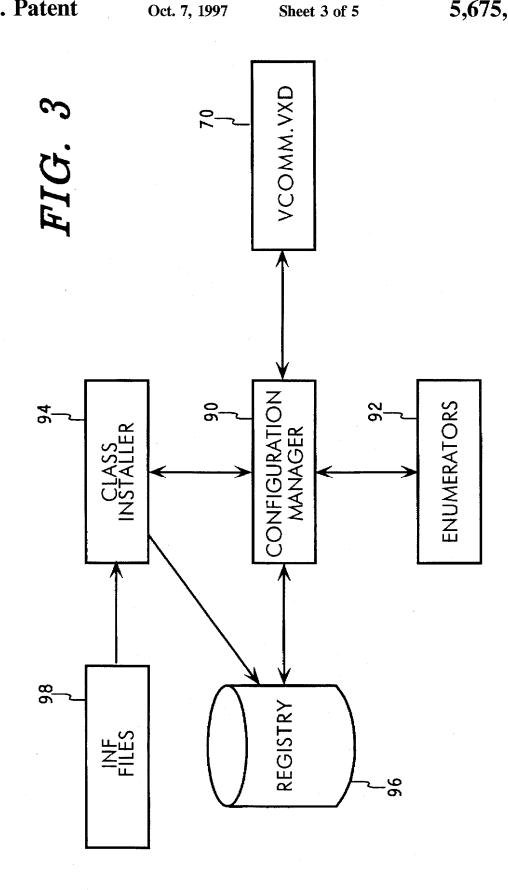
A device independent modem interface employs a call control and data transfer application programming interface for application programs to access a modem in a device independent fashion. A universal modem driver reads device specific information from a registry to issue specific control commands to a modem. The universal modem driver separates command mode and data mode of the modem transparently to the application. The modem interface also includes support for detecting a modem and for loading device specific information into the registry based on the modem identification.

### 20 Claims, 5 Drawing Sheets



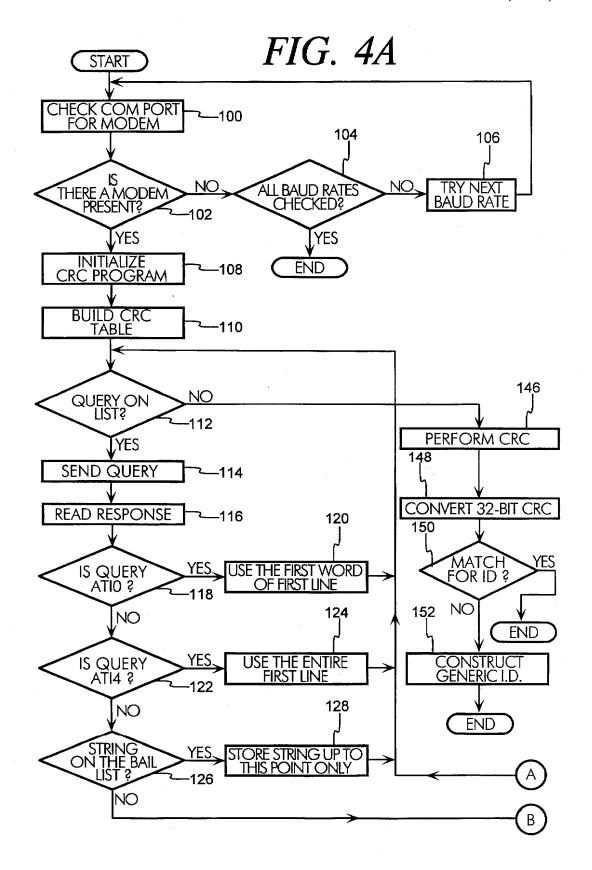








Oct. 7, 1997





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