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**Maes et al.**

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(54) **SYSTEM AND METHOD FOR PROVIDING NETWORK COORDINATED CONVERSATIONAL SERVICES**

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**Ponani Gopalakrishnan**, Yorktown Heights, NY (US)

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(73) Assignee: **International Business Machines Corporation**, Armonk, NY (US)

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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 0 days.

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(57) **ABSTRACT**

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**Related U.S. Application Data**

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(51) **Int. Cl.**  
**G10L 21/00** (2006.01)  
**G10L 15/00** (2006.01)  
**G06F 15/16** (2006.01)

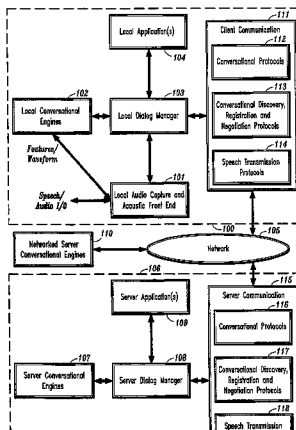
(52) **U.S. Cl.** ..... **704/270.1; 704/231; 709/203; 709/201**

(58) **Field of Classification Search** ..... **704/270.1; 709/203**

A system and method for providing automatic and coordinated sharing of conversational resources, e.g., functions and arguments, between network-connected servers and devices and their corresponding applications. In one aspect, a system for providing automatic and coordinated sharing of conversational resources includes a network having a first and second network device, the first and second network device each comprising a set of conversational resources, a dialog manager for managing a conversation and executing calls requesting a conversational service, and a communication stack for communicating messages over the network using conversational protocols, wherein the conversational protocols establish coordinated network communication between the dialog managers of the first and second network device to automatically share the set of conversational resources of the first and second network device, when necessary, to perform their respective requested conversational service.

See application file for complete search history.

**6 Claims, 5 Drawing Sheets**



**MICROSOFT CORP. ET AL.**  
**EXHIBIT 1005**

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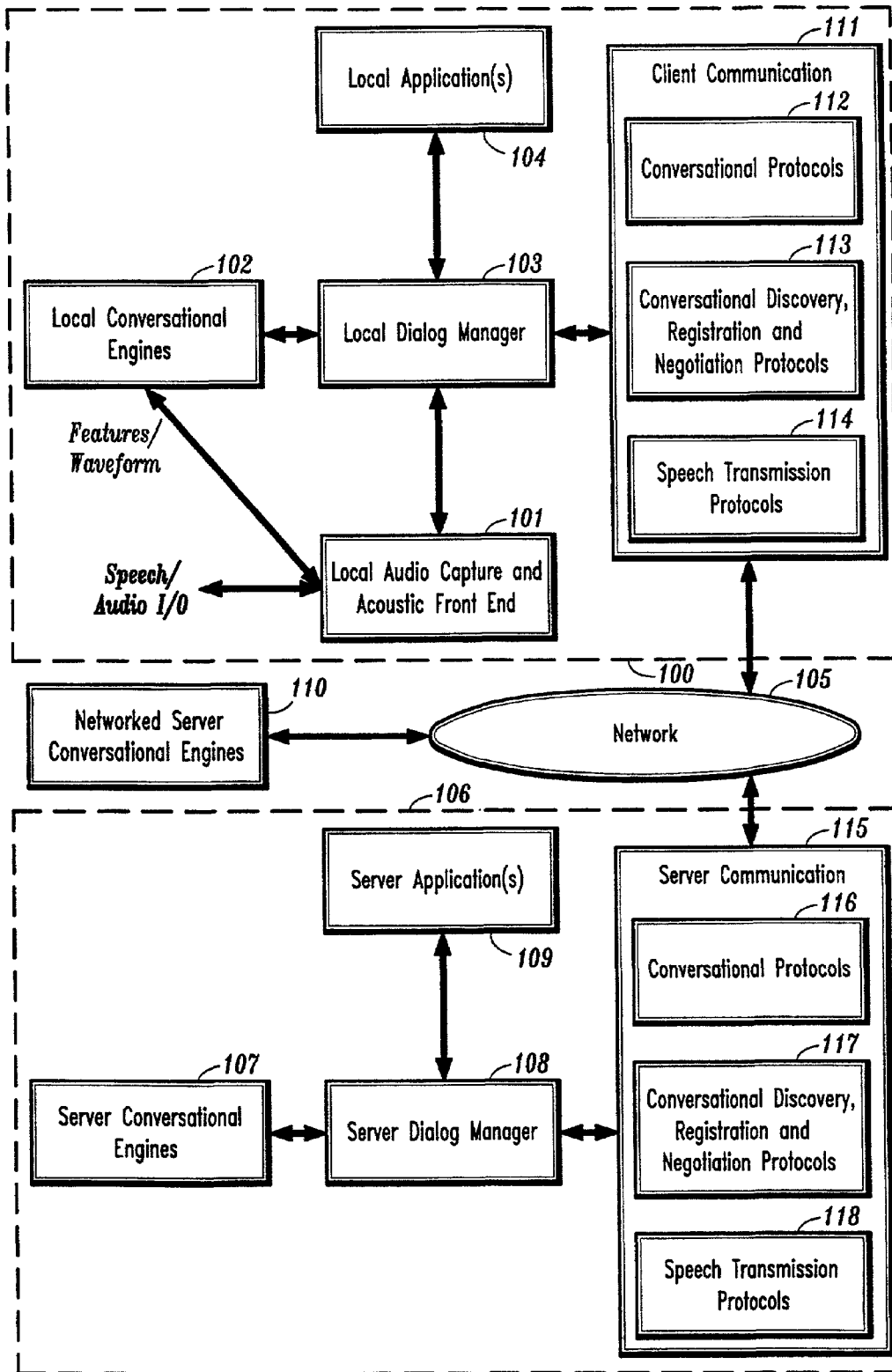


FIG. 1

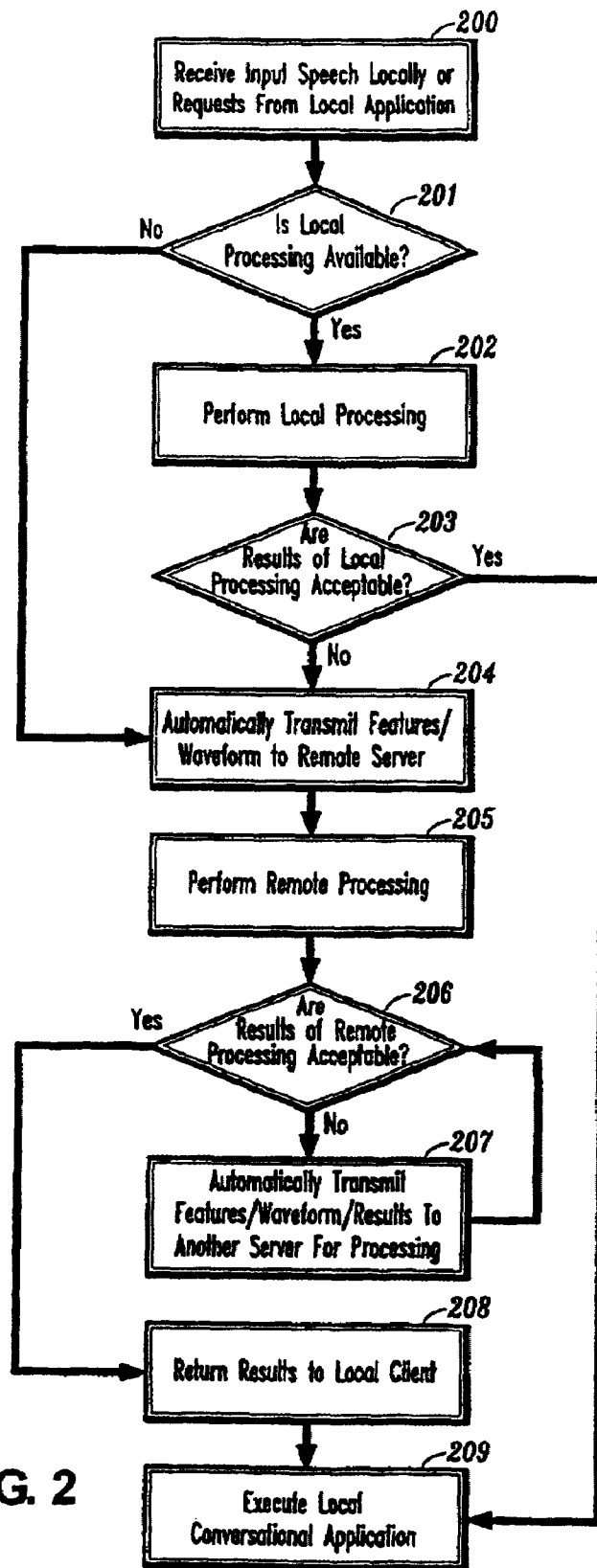


FIG. 2

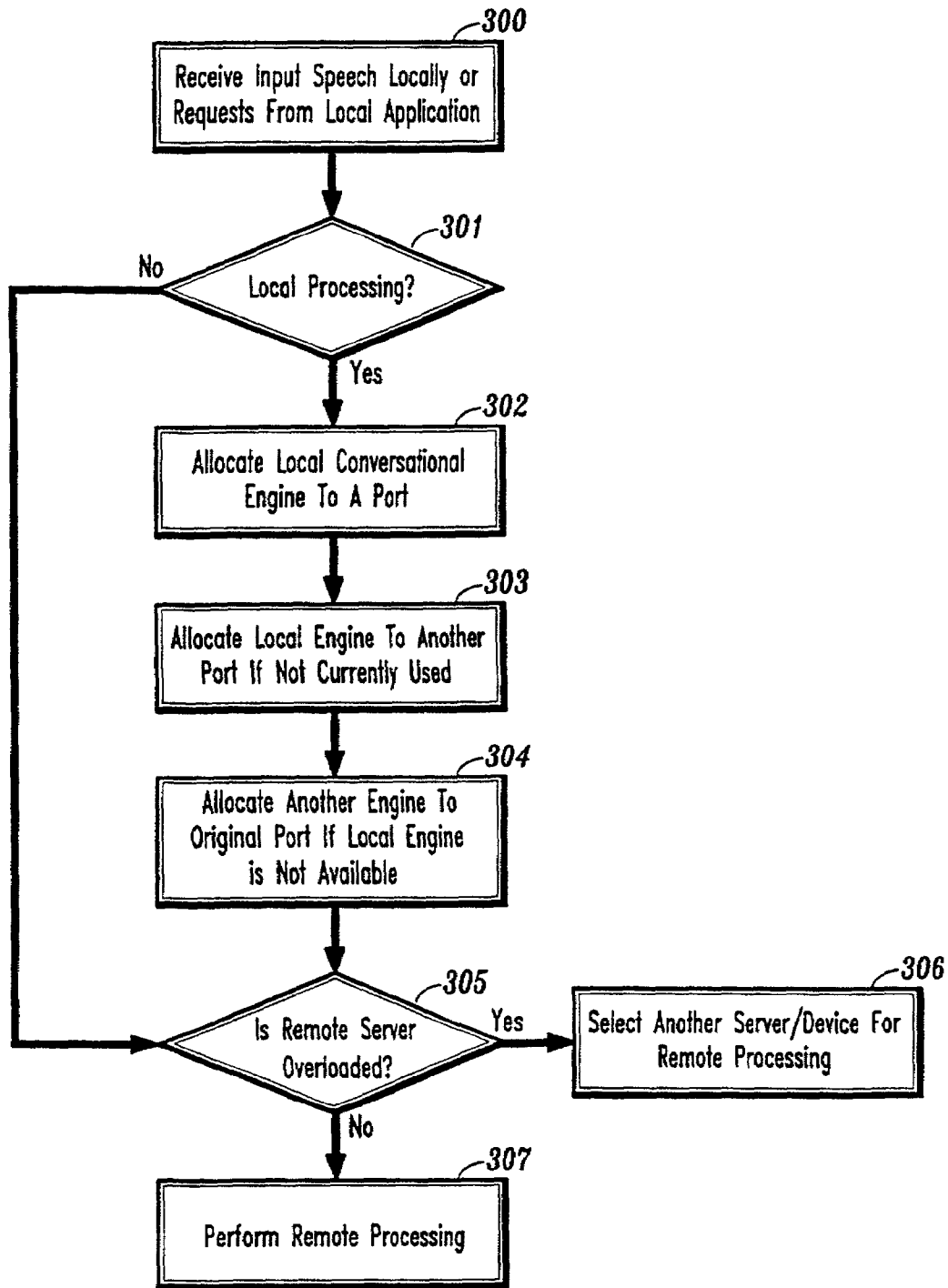


FIG. 3

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