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(54) **ESTABLISHING AN IP SESSION BETWEEN A HOST USING SIP AND A DEVICE WITHOUT AN IP ADDRESS**

(52) **U.S. Cl.** **709/237; 709/226**

(75) **Inventors:** **Jheroen P. Dorenbosch**, Paradise, TX (US); **Srinivas Miriyala**, Fort Worth, TX (US)

(57) **ABSTRACT**

Correspondence Address:
POSZ & BETHARDS, PLC
11250 ROGER BACON DRIVE
SUITE 10
RESTON, VA 20190 (US)

An apparatus and method for establishing an IP session between a host **105** using a session initiation protocol and a device or mobile station **103** without an IP address is described. The apparatus includes a network interface **405** for receiving, via an IP connection, a session request that includes a host contact corresponding to the host and a device identifier corresponding to the device; a controller **407** for parsing the session request to determine the device identifier; preparing a message for the device that includes the device identifier and the session request, and presenting the message to the network interface, the message to be delivered to the device via a non-IP connection and to result in the device obtaining a device IP address and sending an acknowledgment of the SIP session request that includes the device IP address.

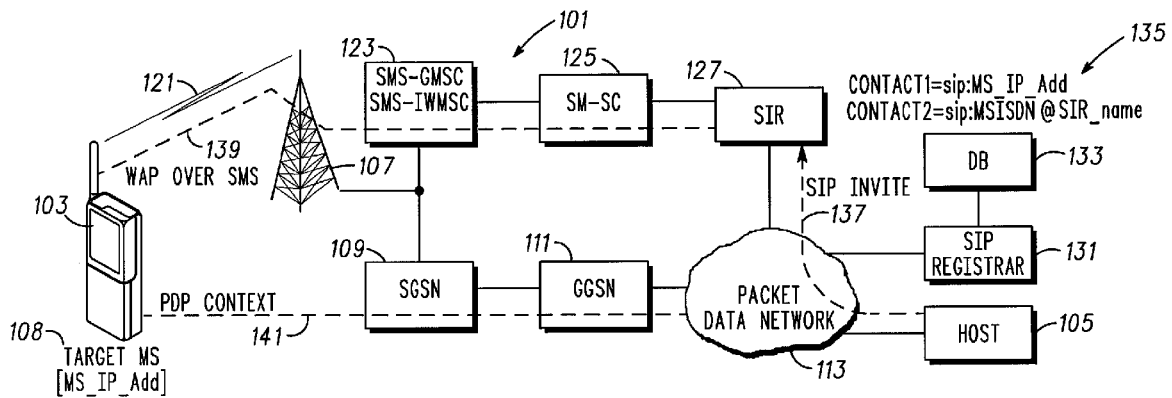
(73) **Assignee:** **MOTOROLA, INC.**

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(51) **Int. Cl.⁷** **G06F 15/16**



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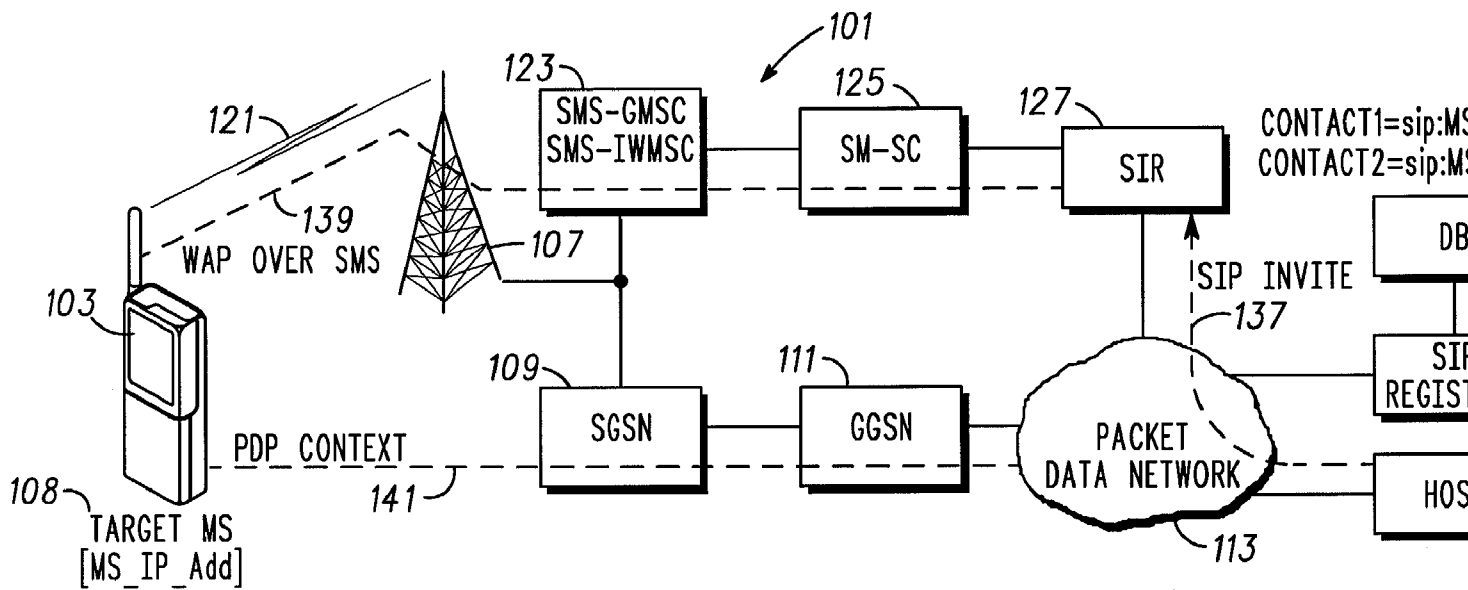


FIG. 1

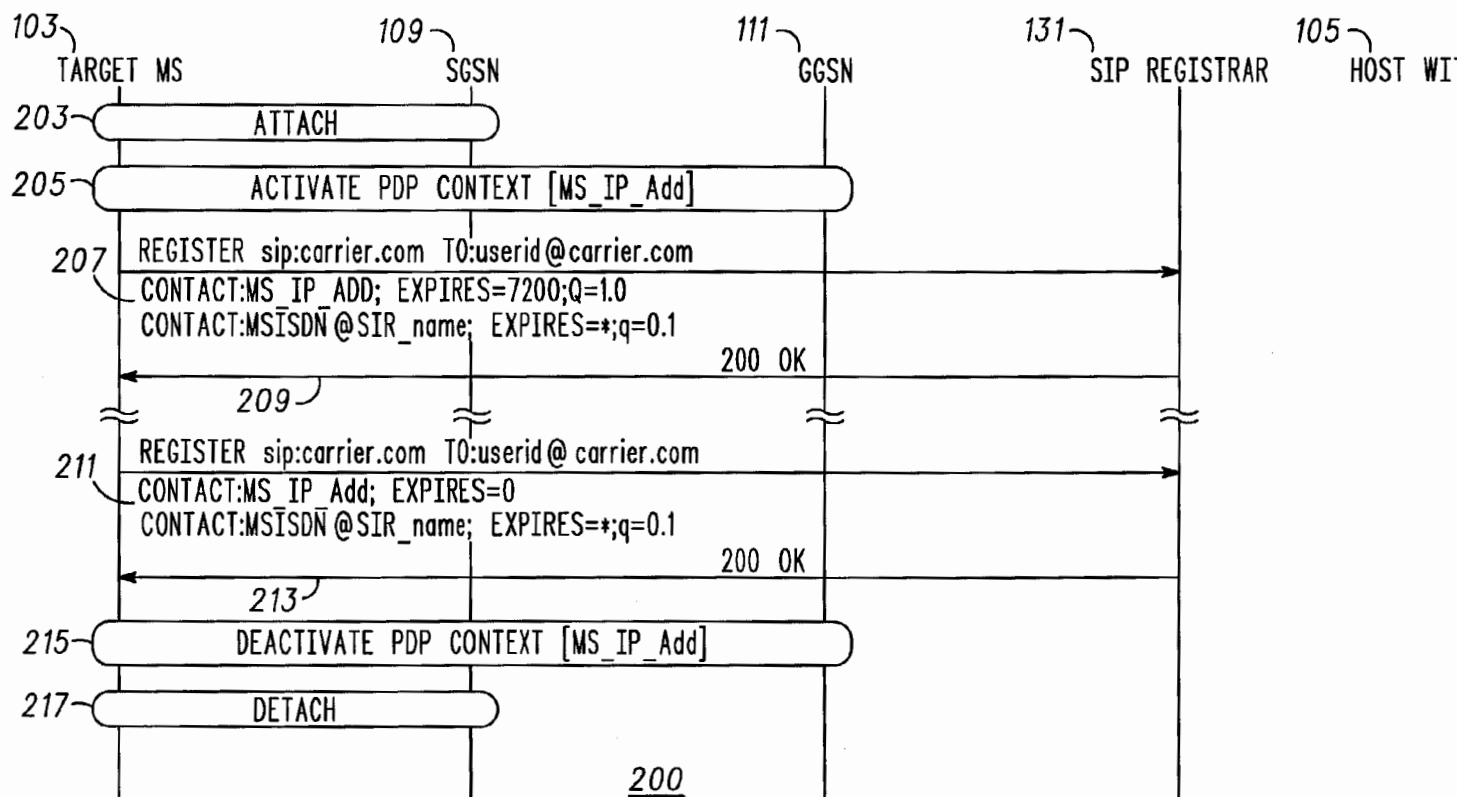


FIG. 2

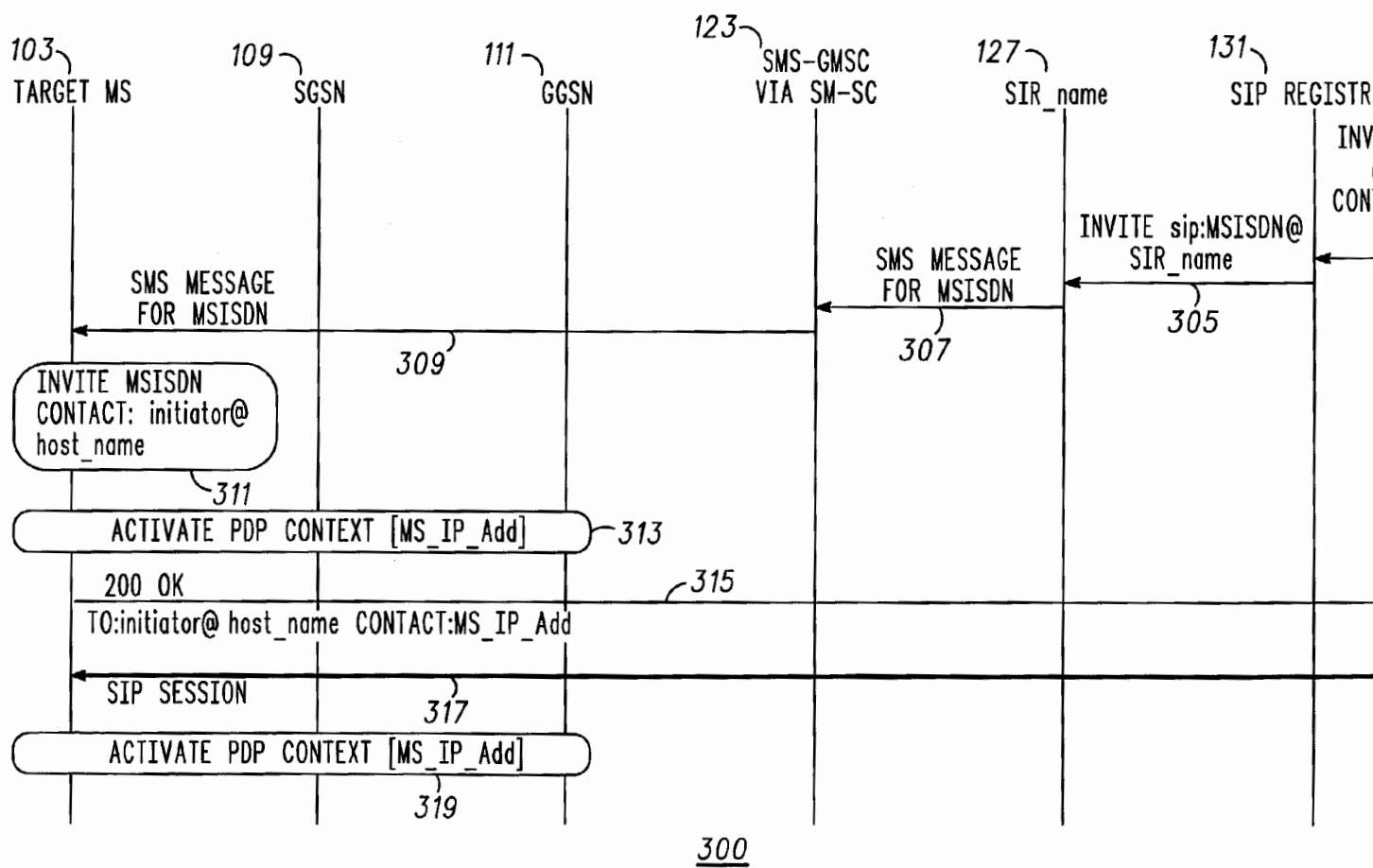


FIG. 3

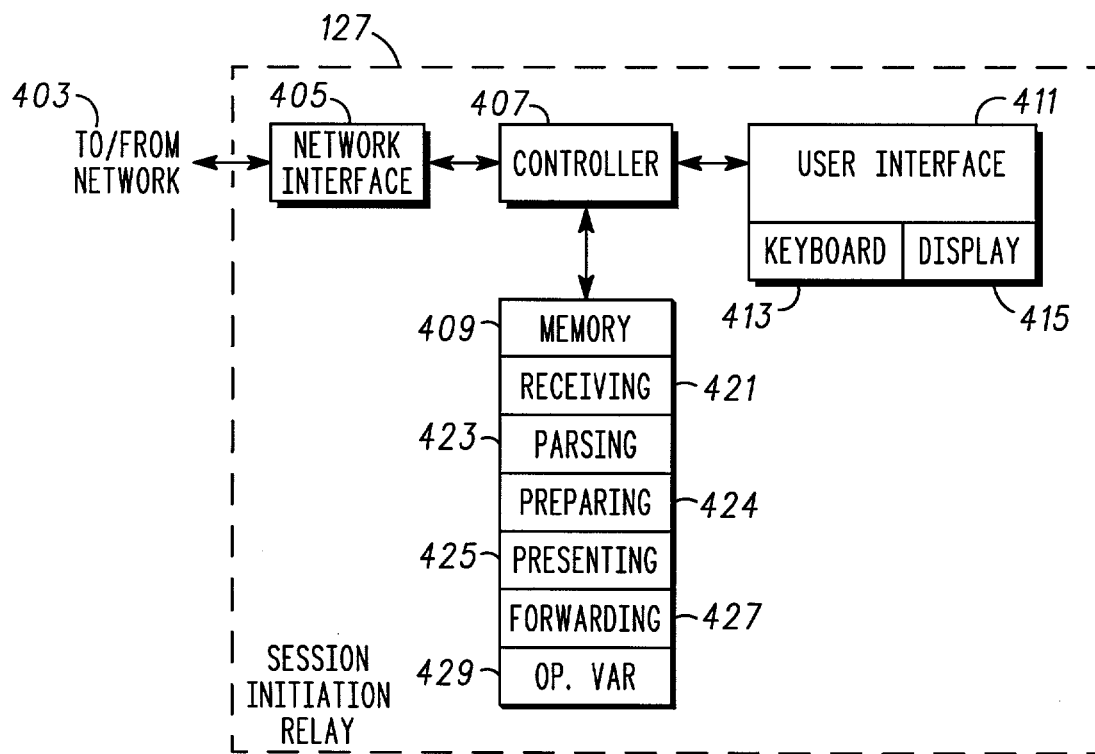


FIG. 4

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