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Beghtol et al.

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(54) **METHOD AND APPARATUS FOR INCOMING CALL REJECTION**

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(73) Assignee: **Nokia Mobile Phones Ltd.**, Espoo (FI)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/212,757**

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Related U.S. Application Data

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(51) **Int. Cl.**[7] **H04M 3/42**

(52) **U.S. Cl.** **455/415**; 455/412; 455/567; 379/142

(58) **Field of Search** 455/404, 33.1, 455/54.1, 90, 525, 550, 422, 567, 455–458, 412–415, 565; 579/142, 127, 67–69, 201, 207, 211, 373, 372, 374, 376, 350, 140, 199–200

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(57) **ABSTRACT**

A method and apparatus for rejecting incoming calls for use in a mobile communications device. The method and apparatus permit a user of a mobile communications device to automatically reject calls intended to be received by the device. In an exemplary embodiment, a rejection memory within the mobile device is preprogrammed with identification information representative of transmitting stations to be rejected. When a call is incoming, identification information included with the incoming call is compared with identification information contained in the rejection memory. When a match is detected, a rejection message is automatically sent by the mobile communications device to the transmitting station. Upon receipt of the rejection message, the transmitting station terminates the call and may reroute the call to a voice messaging system. Additionally, upon display of the identification information of an incoming call, the user may manually trigger the transmission of the rejection message from the mobile communications device.

15 Claims, 4 Drawing Sheets

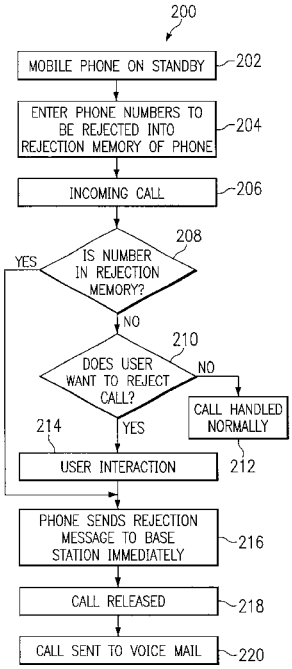

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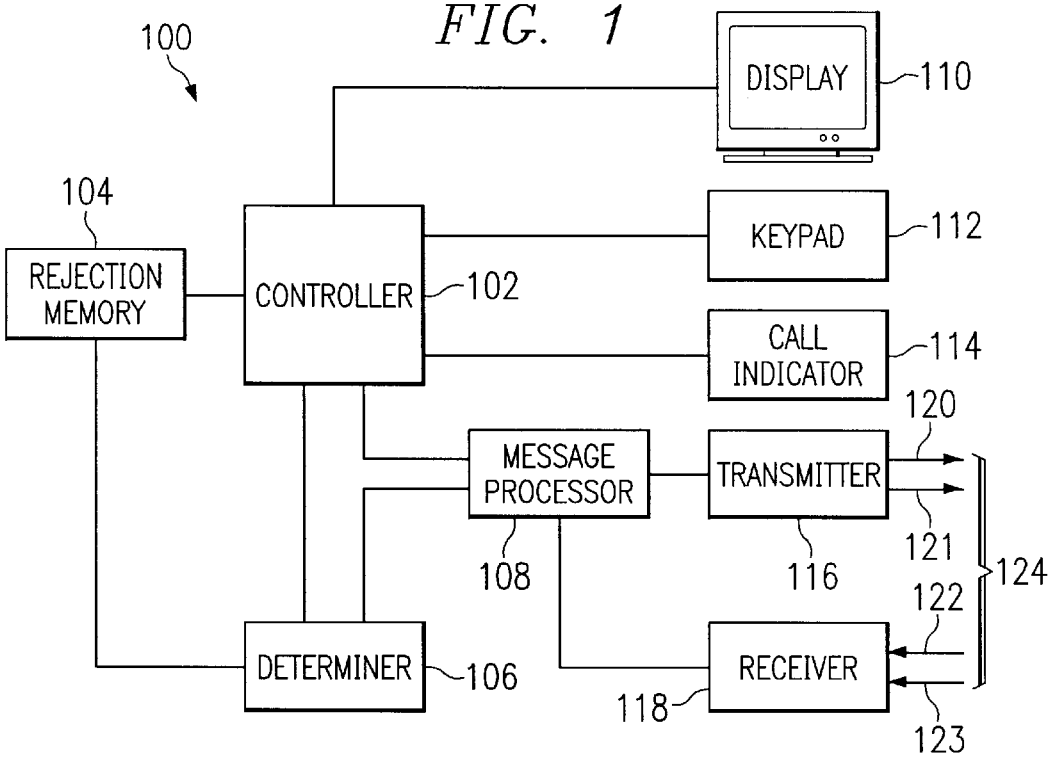
FIG. 1



300

MESSAGE TYPE	FEATURE DESCRIPTION	RECORD TYPE (BINARY)
FLASH WITH INFORMATION MESSAGE	FEATURE INDICATOR	00000010

FIG. 3a

302

TYPE SPECIFIC FIELD	FEATURE IDENTIFIERS (BITS)
INCOMING CALL REJECTION	0000
RESERVED	XXXX

FIG. 3b

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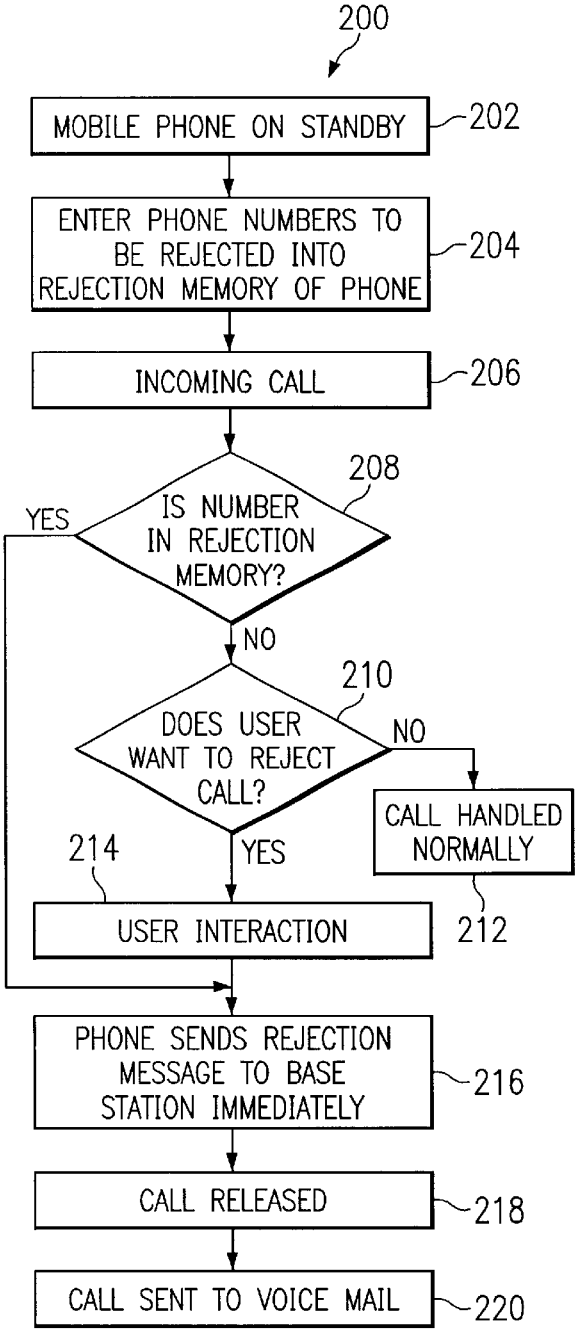

FIG. 2

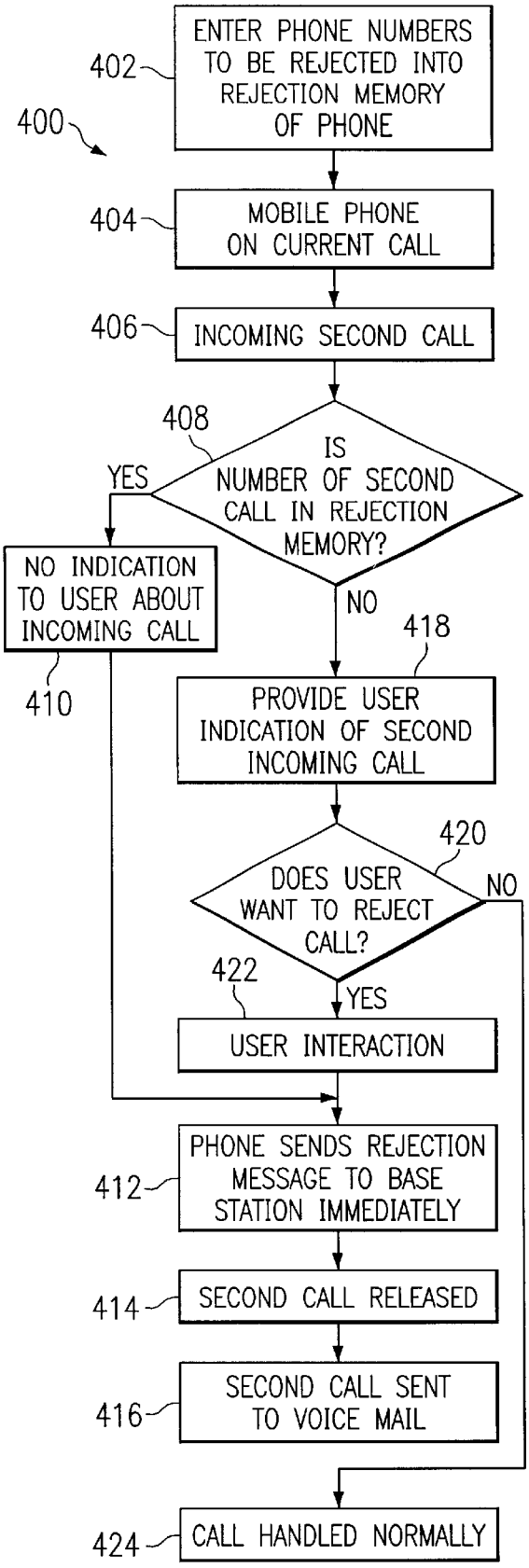

FIG. 4

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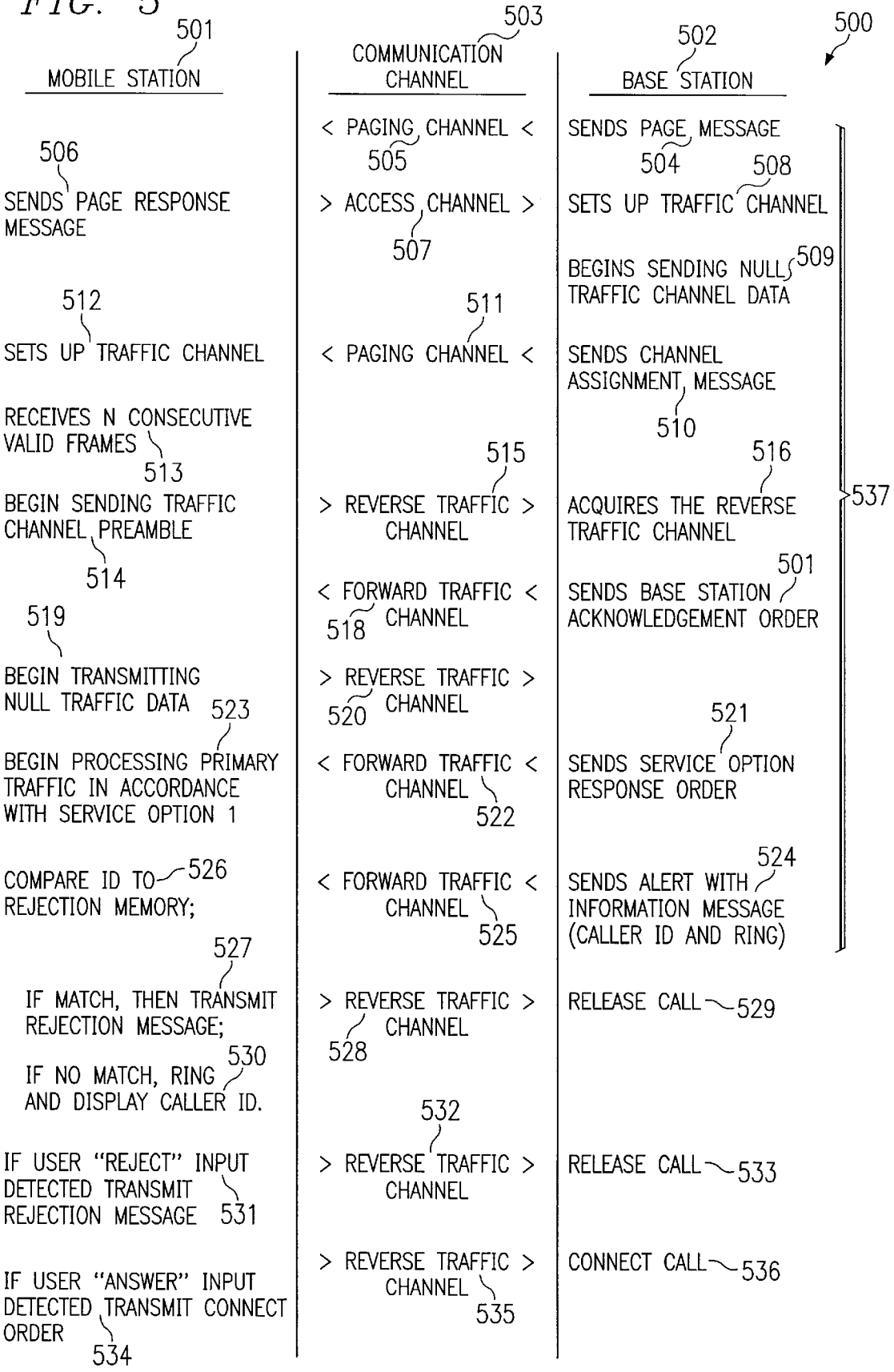
FIG. 5



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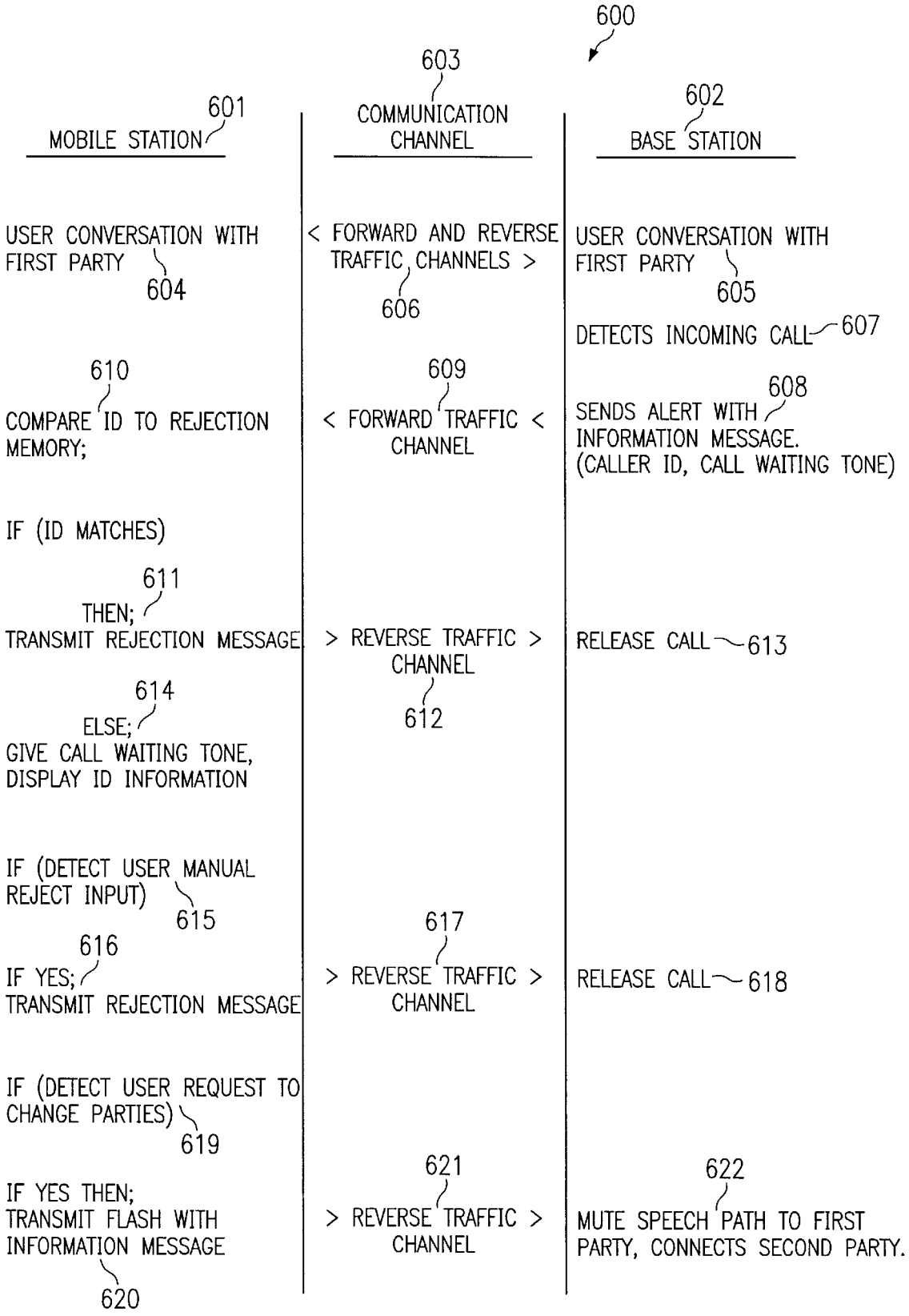

FIG. 6

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