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(12) **United States Patent**
Lipsit

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(54) **METHOD AND APPARATUS FOR STORING ACTIVATION DATA IN A CELLULAR TELEPHONE**

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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 493 days.

This patent is subject to a terminal disclaimer.

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(65) **Prior Publication Data**

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Related U.S. Application Data

(63) Continuation of application No. 09/924,613, filed on Aug. 9, 2001, now Pat. No. 6,748,209, which is a continuation of application No. 09/219,872, filed on Dec. 24, 1998, now Pat. No. 6,650,893, which is a continuation of application No. 08/901,827, filed on Jul. 28, 1997, now Pat. No. 5,974,311, which is a continuation of application No. 08/550,274, filed on Oct. 30, 1995, now abandoned.

(51) **Int. Cl.**

H04M 3/16 (2006.01)

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H04M 1/00 (2006.01)

(52) **U.S. Cl.** **455/411; 455/418; 455/419**

(58) **Field of Classification Search** **455/419, 455/418, 411**

See application file for complete search history.

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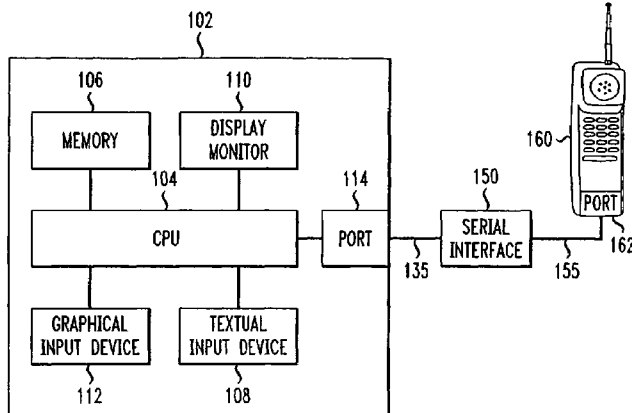
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(57) **ABSTRACT**

A method and apparatus for programming a cellular telephone with activation parameters. A cellular telephone to be programmed is connected to a computer via a communications interface. A user input device is provided to allow a user to provide programming information, including a cellular telephone type, to the computer. A visual representation of the cellular telephone type is displayed on a display monitor to allow the user to interactively verify the inputted programming information. Upon such user verification, the computer determines activation parameters and transmits the activation parameters to the cellular telephone. In accordance with another aspect of the invention, certain activation parameters are dynamically computed based on the user provided programming information. In one embodiment, the user enters a cellular telephone number to be assigned to the cellular telephone. The computer looks up a system identification associated with the cellular telephone number in a memory unit. Certain activation parameters are dynamically computed based on the cellular telephone number and system identification.

13 Claims, 4 Drawing Sheets



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FIG. 1

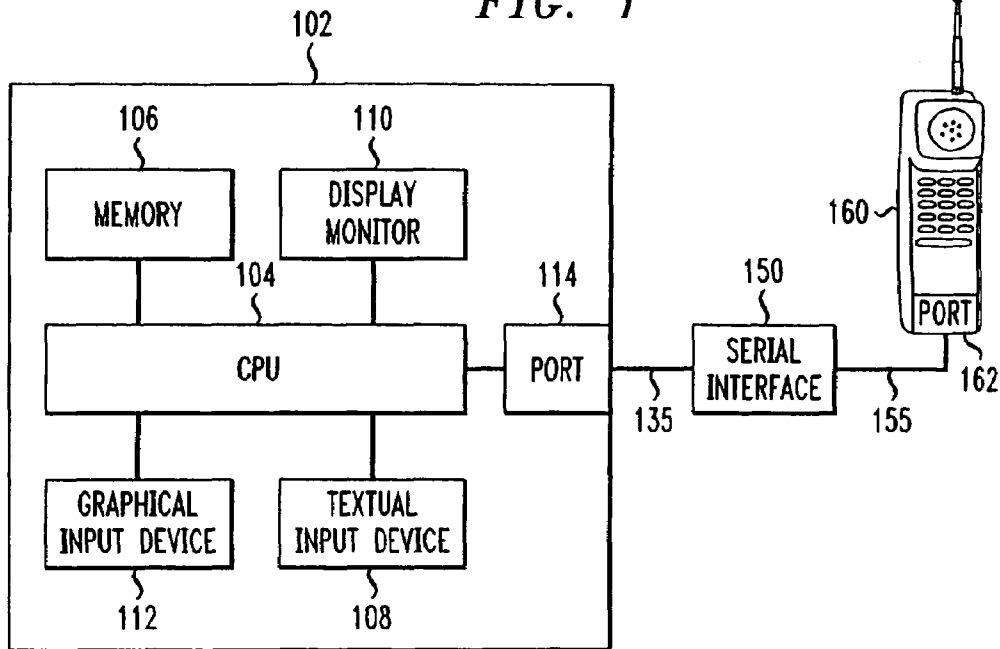


FIG. 2

200 ↗

210	220	230
AREA CODE + PREFIX	SYSTEM ID	LOCATION
(407)-346	00037	WEST PALM BEACH FL
(407)-353	00175	ORLANDO FL
(407)-371	00037	WEST PALM BEACH FL
(407)-373	00037	WEST PALM BEACH FL
(407)-374	00037	BOYNTON BEACH FL
(407)-379	00037	WEST PALM BEACH FL
(407)-399	00175	ORLANDO FL
(407)-421	00175	ORLANDO FL

240 ↗

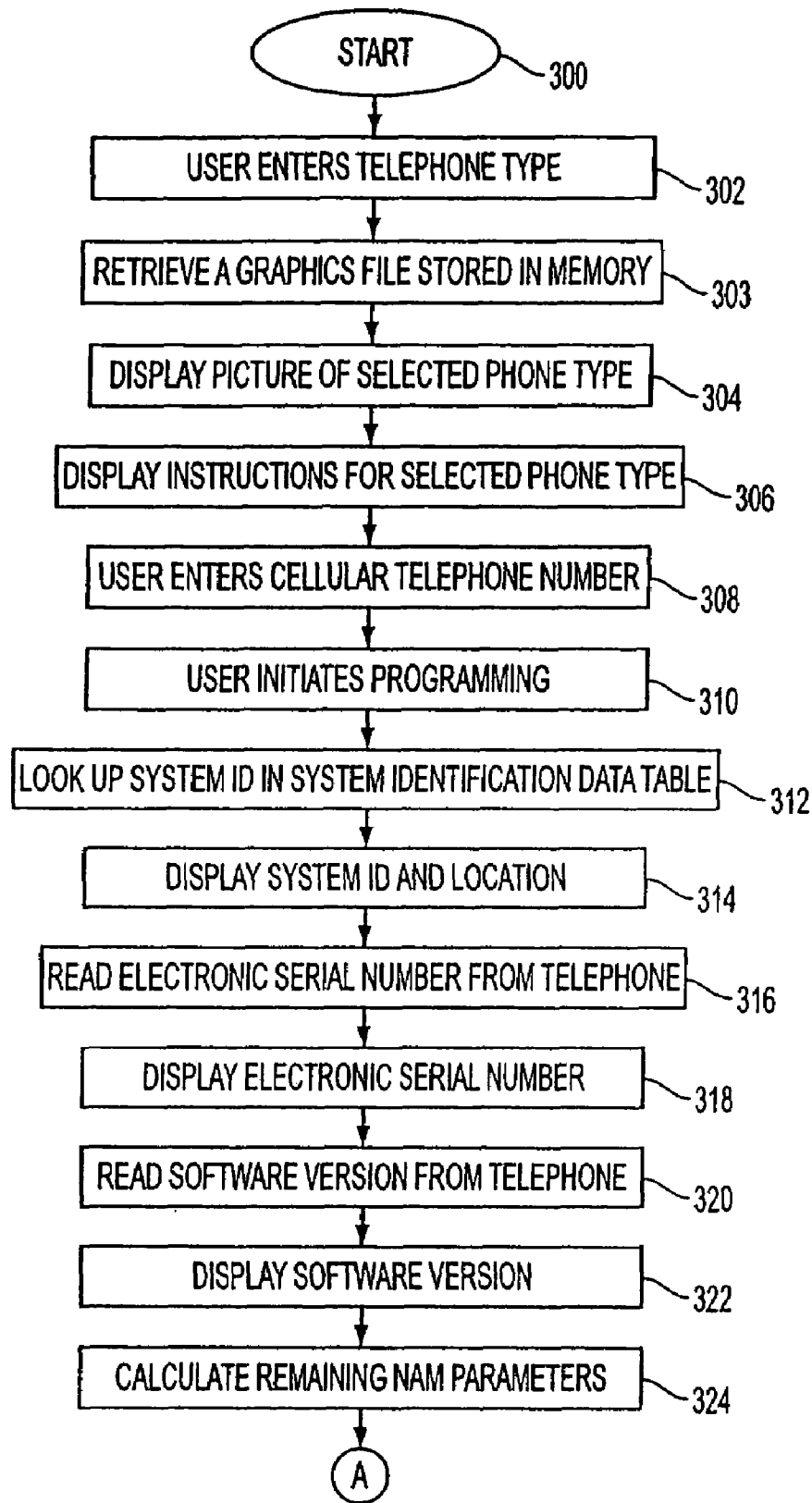
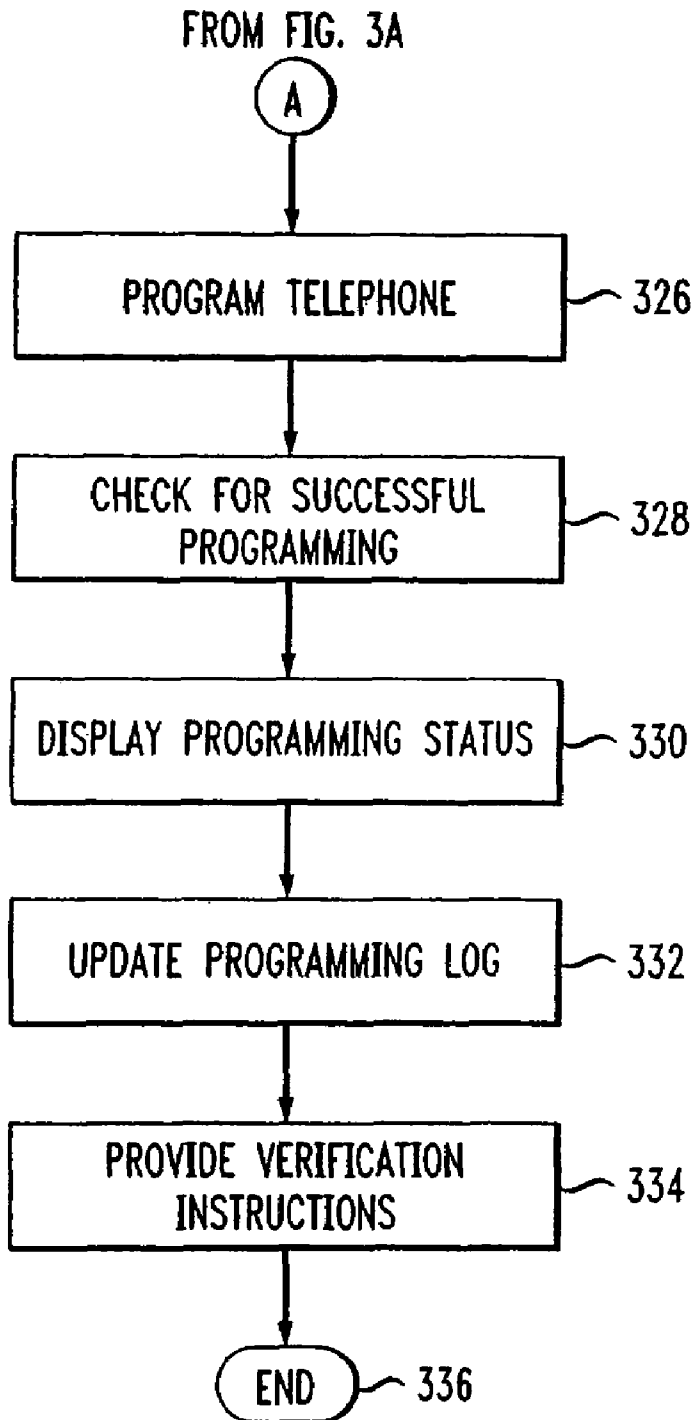


FIG. 3A

FIG. 3B



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