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(12) **United States Patent**  
**Väänänen**

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(54) **VOICEMAIL SHORT MESSAGE SERVICE METHOD AND MEANS AND A SUBSCRIBER TERMINAL**

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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 208 days.

This patent is subject to a terminal disclaimer.

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**H04M 11/10** (2006.01)

(52) **U.S. Cl.** ..... **455/412.1**; 455/413; 455/466; 379/88.13; 379/88.26

(58) **Field of Classification Search** ..... 455/403, 455/406, 412.2, 413, 414.4, 418; 379/88.13, 379/88.24, 93.28; 709/201, 203, 206

See application file for complete search history.

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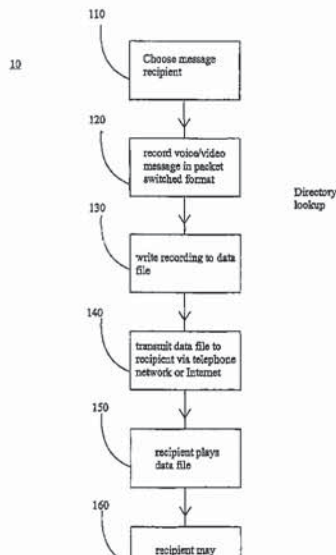
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(57) **ABSTRACT**

A voicemail short messaging method (10, 20, 30) and unit and a subscriber terminal for instantaneous packet switched voicemail between Internet compatible computers, personal digital assistants, telephones and mobile stations. In particular the subscriber terminal (500) concerns a hardware and a software setup that allows the combined use of audio and/or video devices (550) with both the normal cellular or fixed telephony network (520) and with an Internet connection (510). The subscriber terminal (500) allows the flexible use of both the Internet and telephony network with numerous advantages, one of which is the inventive voicemail short messaging method under study. The voicemail messaging method (10), comprising at least one subscriber terminal is characterized by server independence.

**23 Claims, 8 Drawing Sheets**



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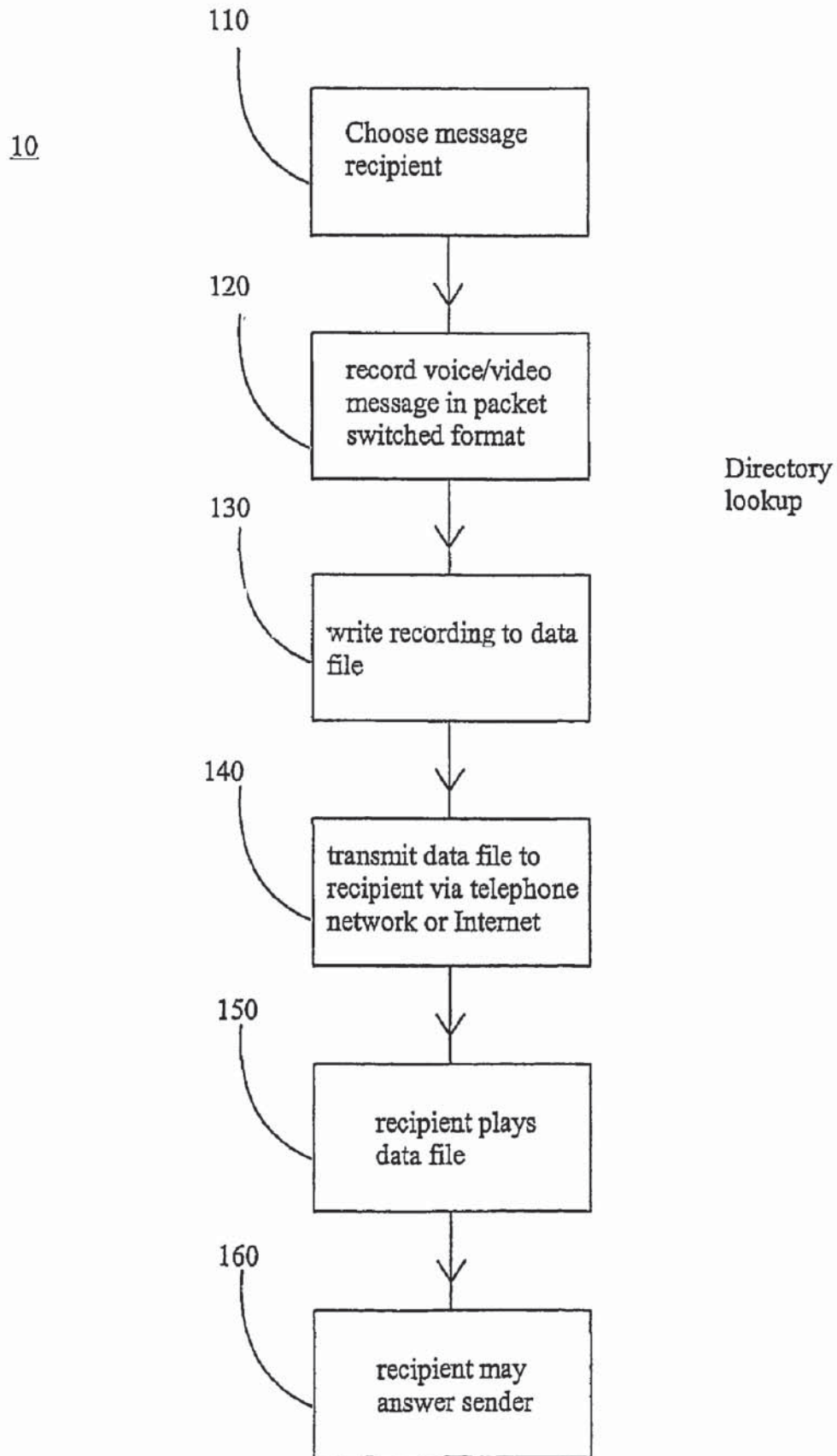


FIG 1.

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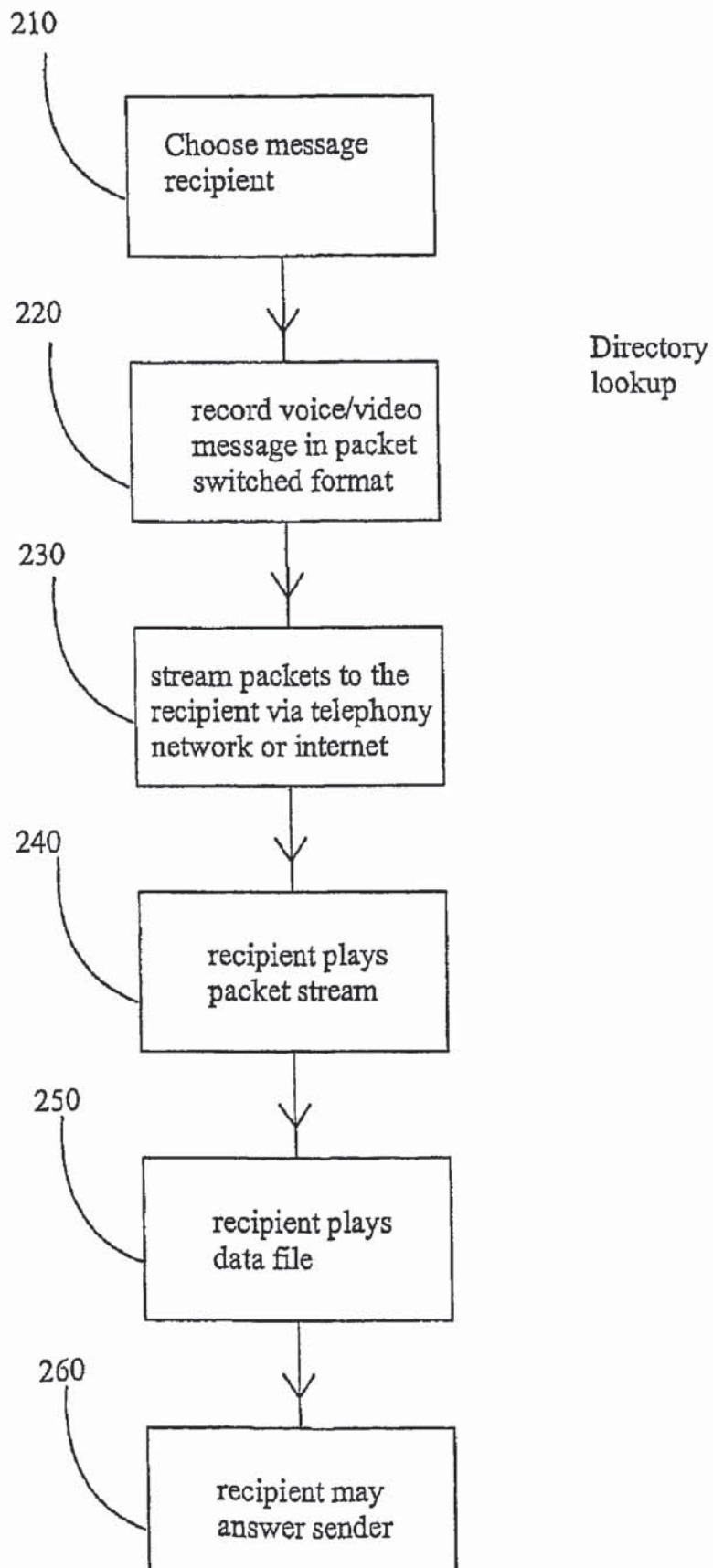


FIG 2.

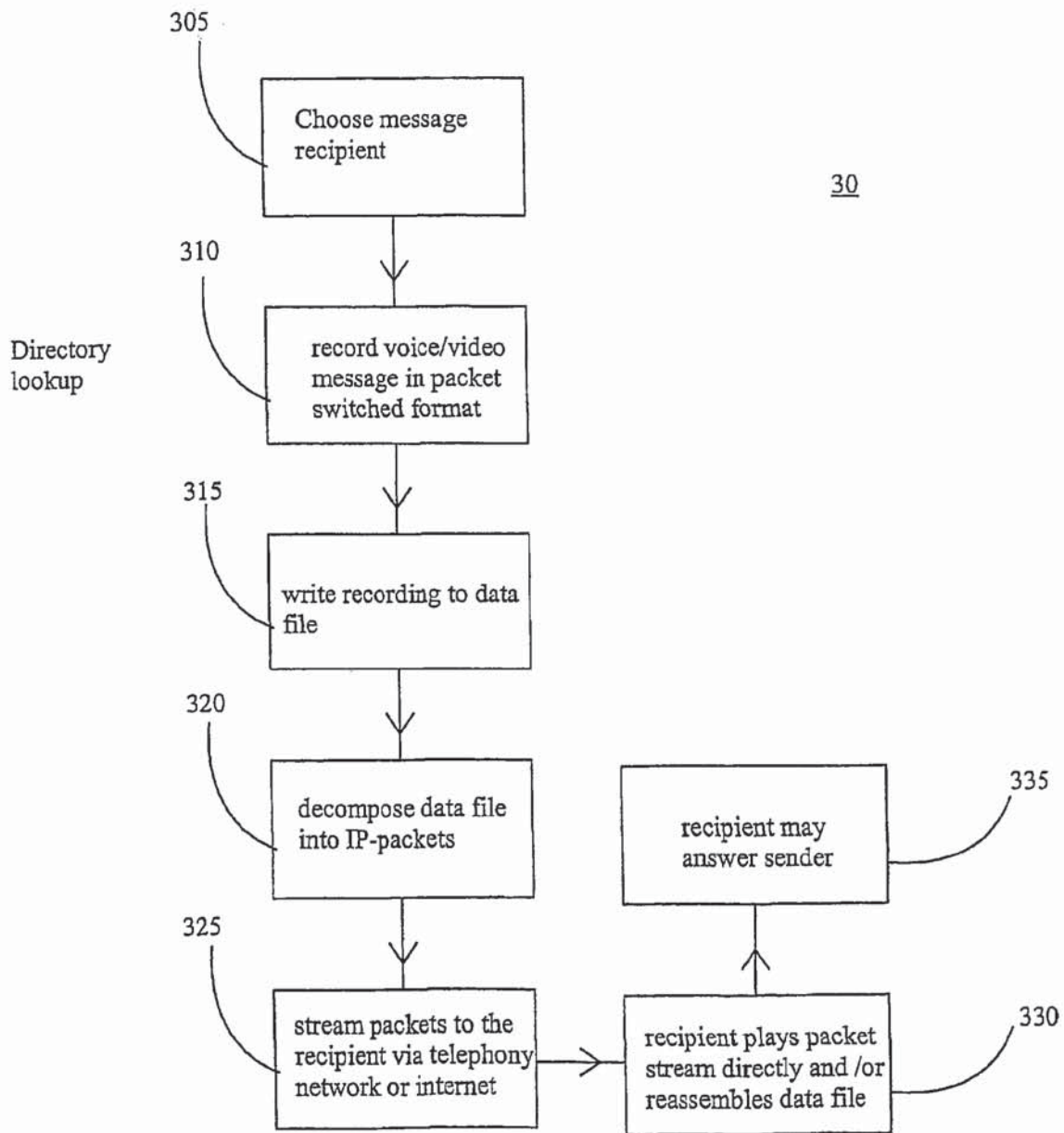


FIG 3.

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