



(19) **United States**

(12) **Patent Application Publication**

(10) **Pub. No.: US 2002/0150228 A1**

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(43) **Pub. Date:**

Oct. 17, 2002

(54) **MOBILE COMMUNICATION SYSTEM, RESOURCE SWITCHING METHOD THEREOF, NETWORK CONTROL APPARATUS INCLUDED THEREIN, SAME AND NETWORK CONTROL METHOD**

(30) **Foreign Application Priority Data**

Aug. 10, 2000 (JP) 2000-243289

Publication Classification

(51) **Int. Cl.⁷** **H04M 7/00; H04M 11/00**

(52) **U.S. Cl.** **379/220.01; 455/403**

(57) **ABSTRACT**

The present invention relates to a mobile communication system comprising a structure for realizing "network seamless" for roaming between different kinds of networks, "contents seamless" for converting different kinds of encoding or media therebetween, and "device seamless" for making it possible to utilize optimum I/O devices in conformity to surrounding environments. This mobile communication system detects a change in an environment in use concerning an object such as a mobile terminal, for example, notifies at least one apparatus relating to the change of the result of detection, sets various resources constituting a network in conformity to a new environment, and switches them. This makes it possible to construct a seamless network which automatically eliminates seams (restrictions) concerning changes in the environment and the like.

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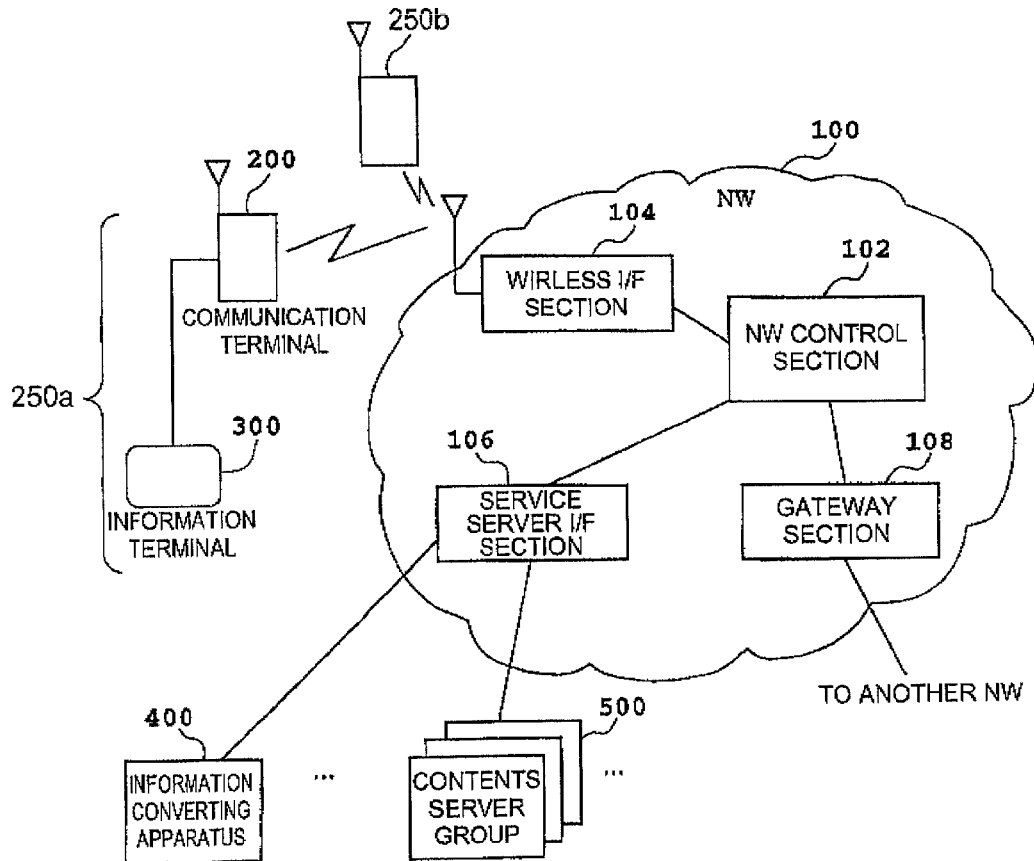
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(21) Appl. No.: **10/089,081**

(22) PCT Filed: **Aug. 10, 2001**

(86) PCT No.: **PCT/JP01/06937**



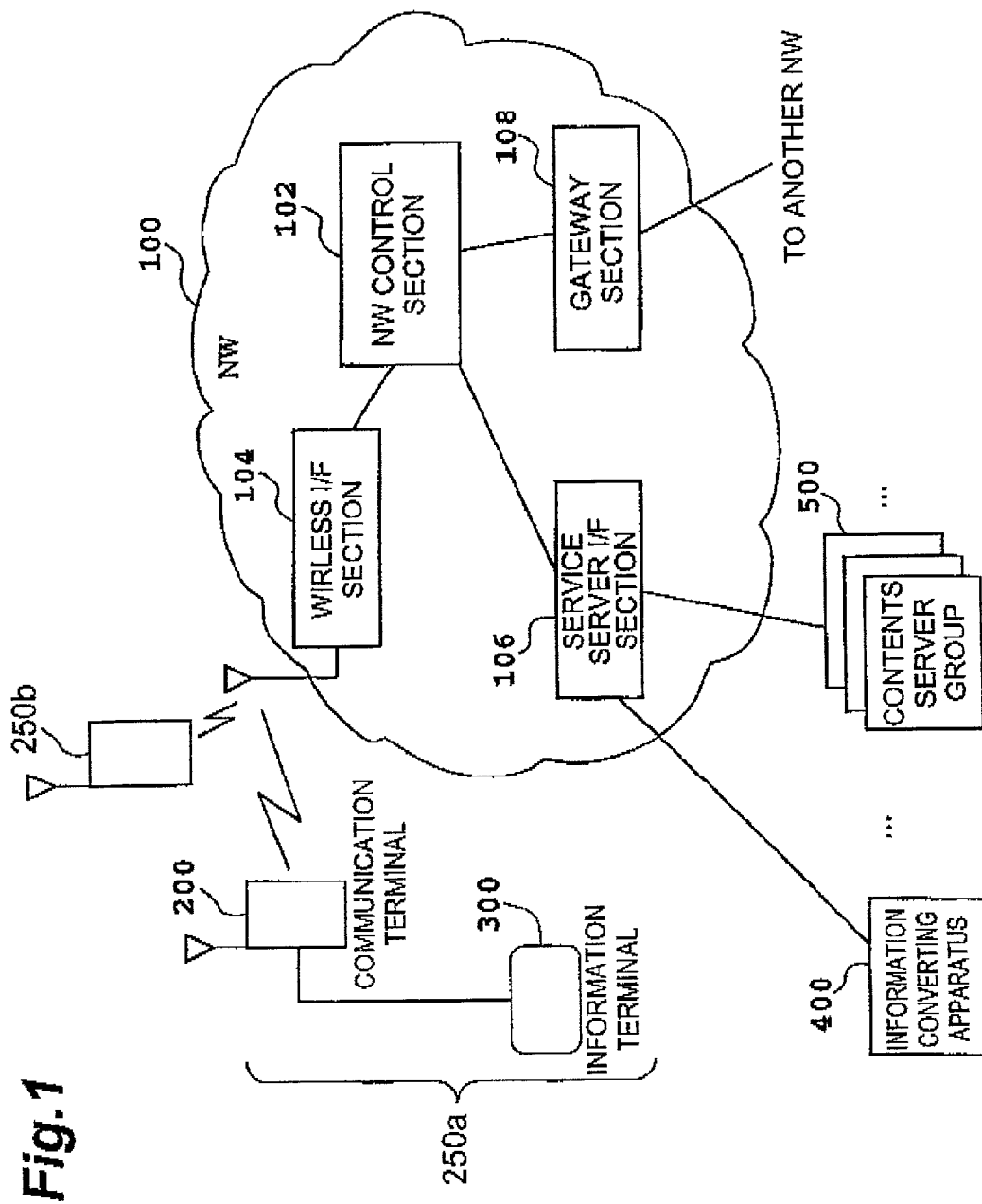


Fig.1

Fig. 2

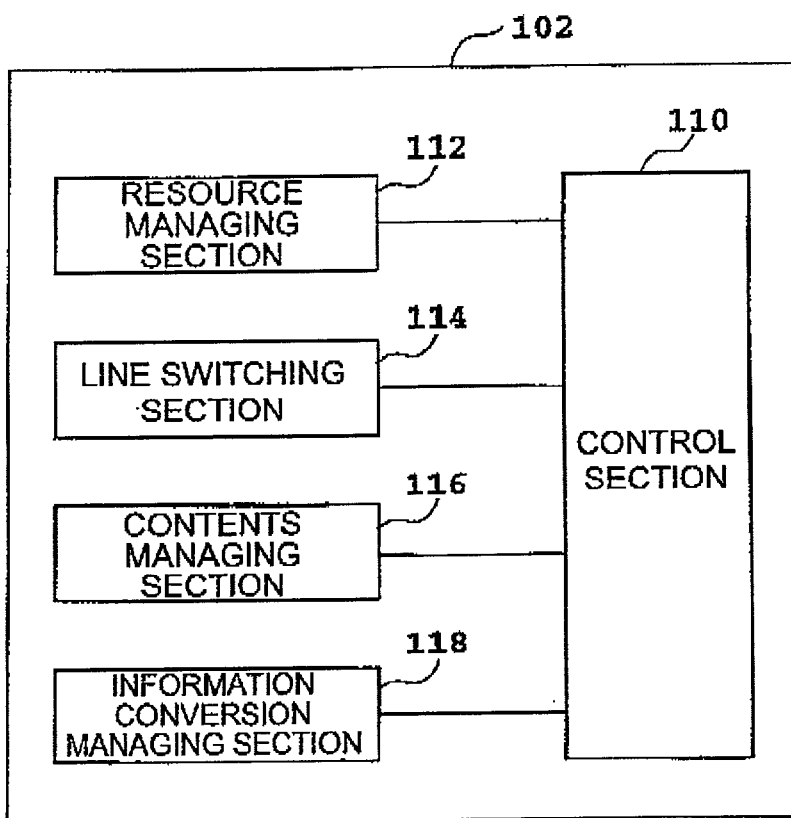


Fig. 3

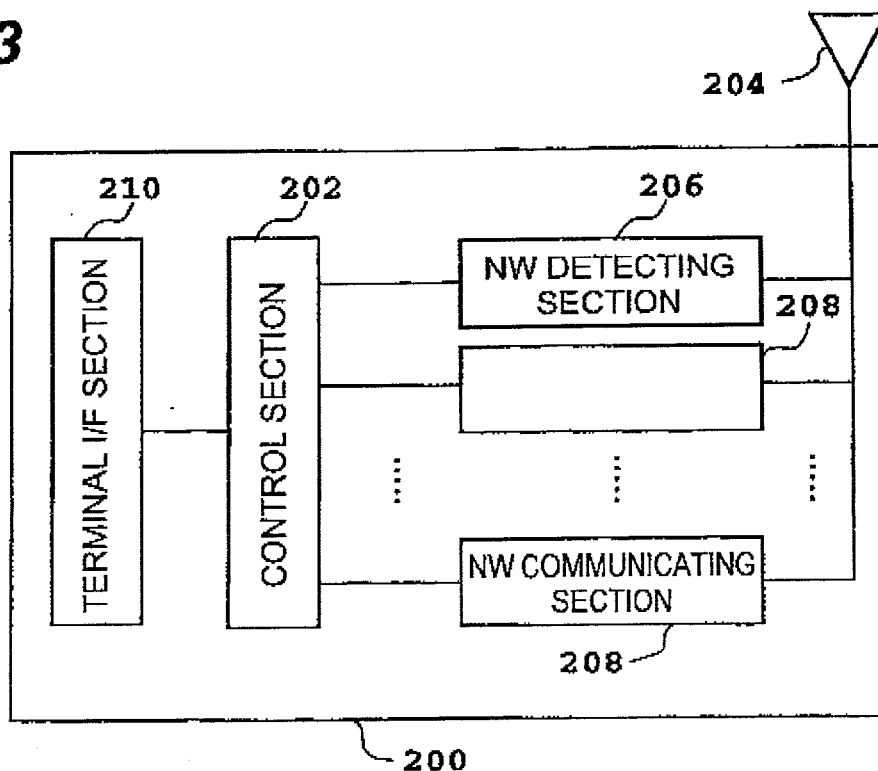


Fig. 4

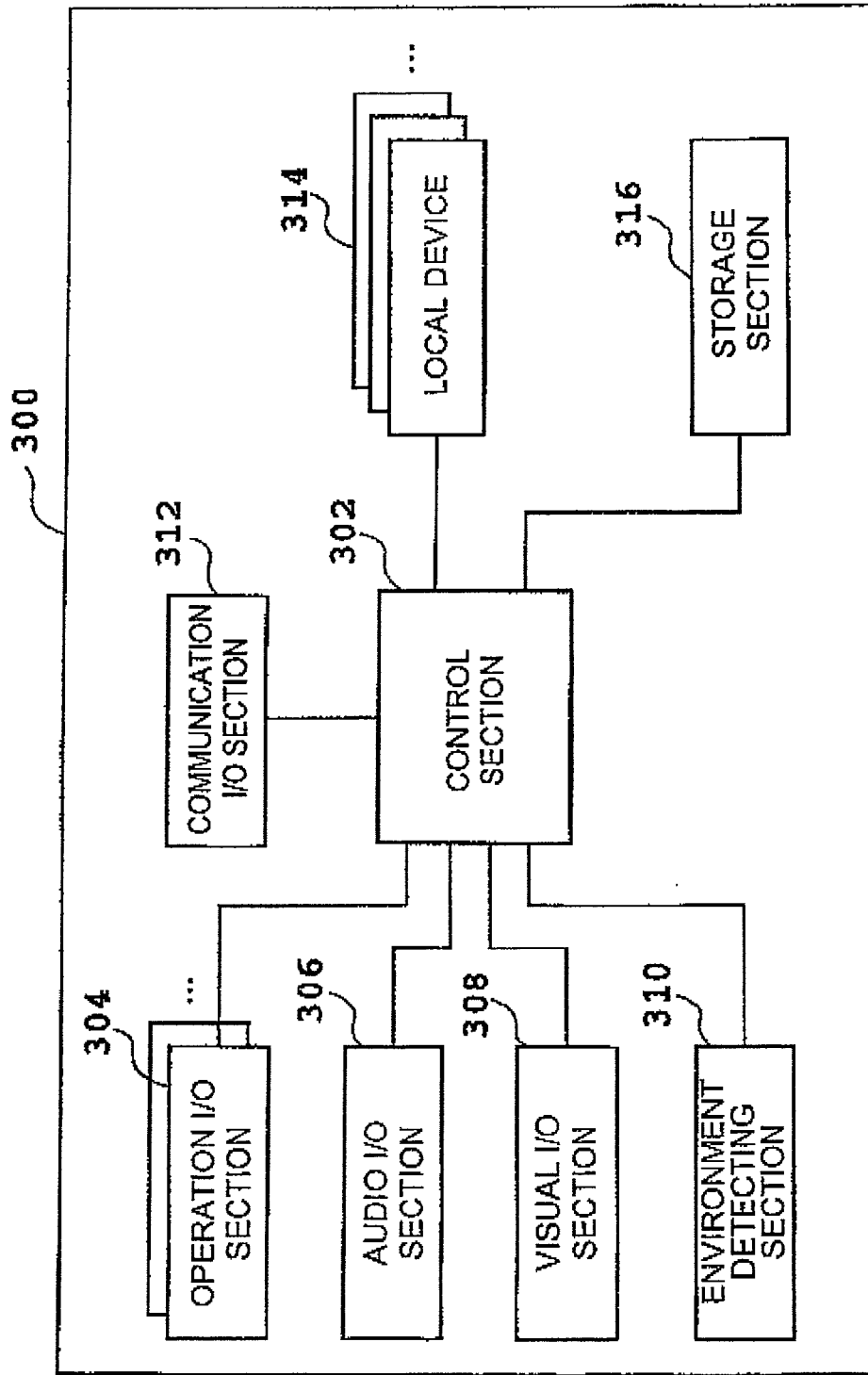


Fig.5

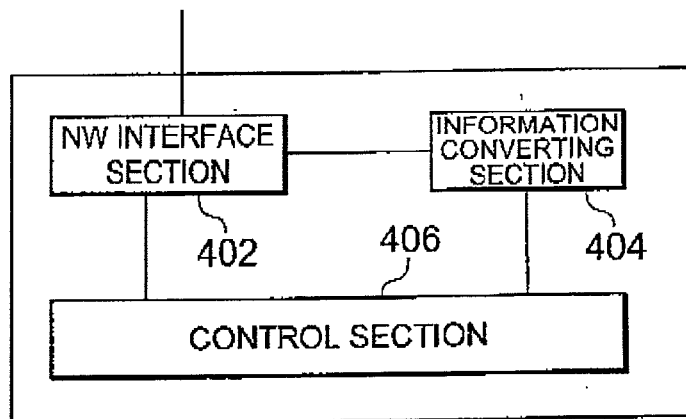


Fig.6

ID No.	BEFORE CONVERSION		AFTER CONVERSION	
	MEDIA	ENCODING RATE	MEDIA	ENCODING RATE
1	AUDIO	12.2kbit/s	AUDIO	8kbit/s
2	TEXT	8kbit/s	AUDIO	8kbit/s
3	AUDIO	8kbit/s	TEXT	8kbit/s
4	MOVING IMAGE	64kbit/s	STILL IMAGE	16kbit/s

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