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Knowles

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(54) **APPARATUS AND SYSTEM FOR PROMPT DIGITAL PHOTO DELIVERY AND ARCHIVAL**

(76) Inventor: **Andrew T. Knowles**, 521 W. Aycock St., Raleigh, NC (US) 27608

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

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(21) Appl. No.: **09/324,249**

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Primary Examiner—Aung Moe

Related U.S. Application Data

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H04N 5/225 (2006.01)
H04N 5/232 (2006.01)

(52) **U.S. Cl.** **348/207.1**; 348/211.2

(58) **Field of Classification Search** 348/207.1, 348/207.11, 211.1–211.6, 211.14, 143, 14.01, 348/14.04, 14.12, 552, 231.99, 333.02, 333.11, 348/211.11, 206, 204, 203; 455/517, 557, 455/556.1, 66.1, 566, 419; 396/2, 297, 310; 709/203–204, 206–207, 219, 238; 707/3, 707/10

See application file for complete search history.

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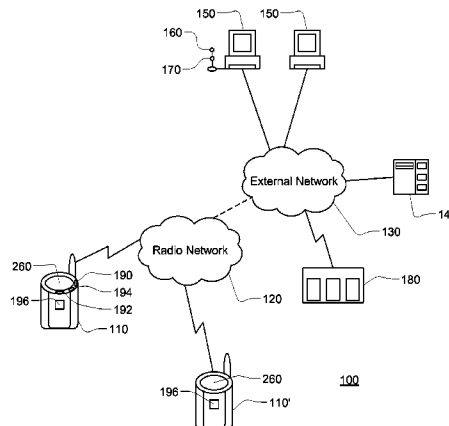
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(57) **ABSTRACT**

The invention comprises a wireless camera apparatus and system for automatic capture and delivery of digital image “messages” to a remote system at a predefined destination address. Initial transmission occurs via a wireless network, and the apparatus process allows the simultaneous capture of new messages while transmissions are occurring. The destination address may correspond to an e-mail account, or may correspond to a remote server from which the image and data can be efficiently processed and/or further distributed. In the latter case, data packaged with the digital message is used to control processing of the message at the server, based on a combination of pre-defined system and user options. Secured Internet access to the server allows flexible user access to system parameters for configuration of message handling and distribution options, including the option to build named distribution lists which are downloaded to the wireless camera. For example, configuration data specified on the server may be downloaded to the wireless camera to allow users to quickly specify storage and distribution options for each message, such as archival for later retrieval, forwarding to recipients in a distribution list group, and/or immediate presentation to a monitoring station for analysis and follow-up. The apparatus and system is designed to provide quick and simple digital image capture and delivery for business and personal use.

5 Claims, 18 Drawing Sheets



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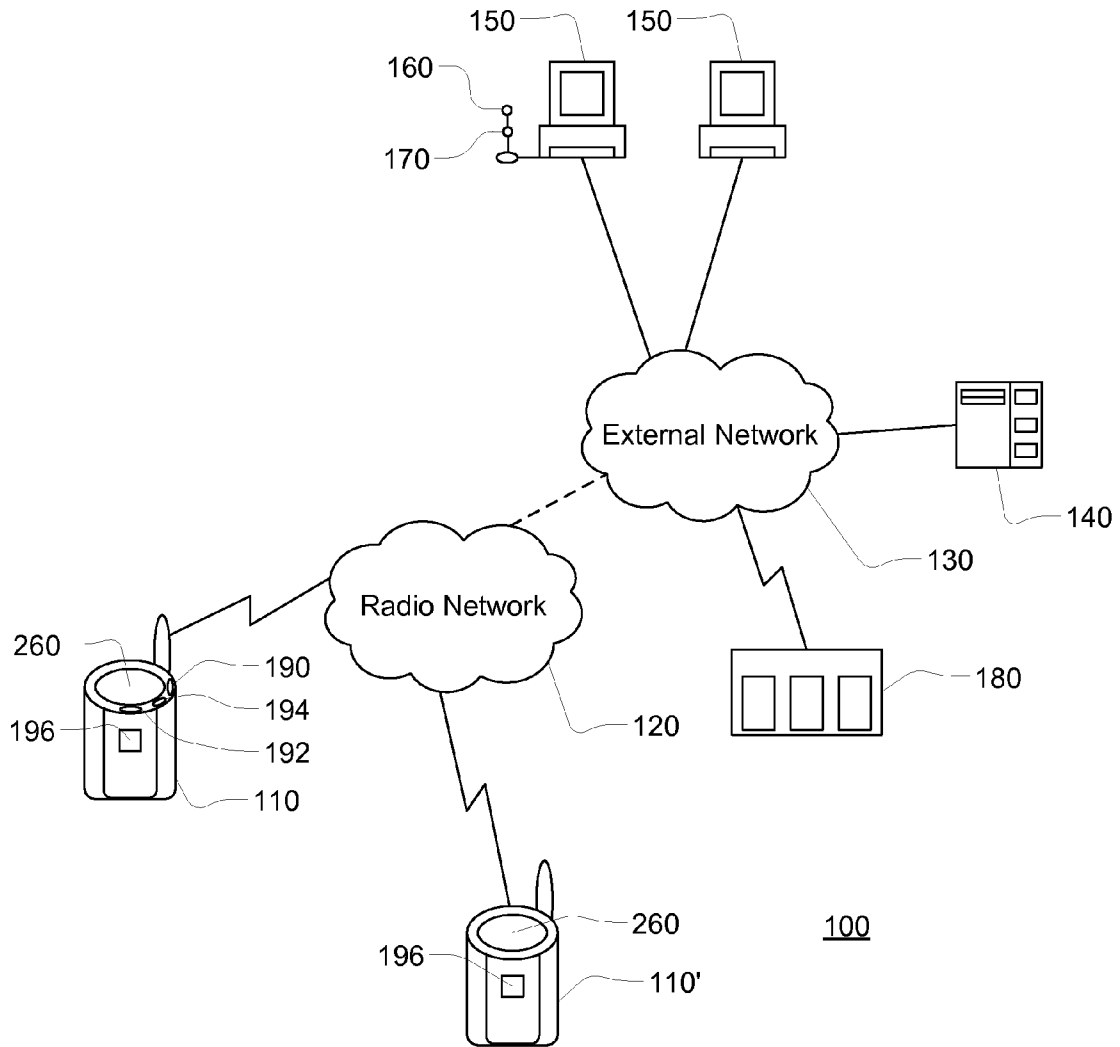


FIG. 1

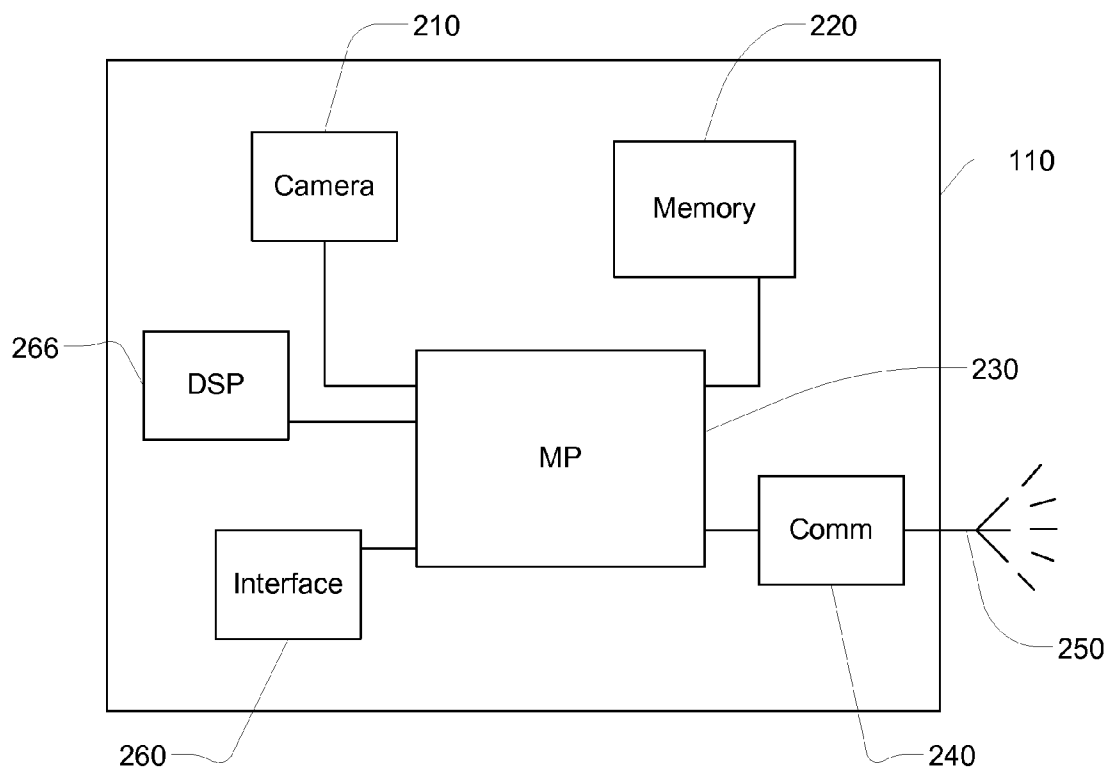


FIG. 2

310	3BR2BA	G	
	ALL	G	
	FAMILY	G	
	MANSE	G	
	BB	N	XXX.XXX.XXX.XXX
	JBOB	N	XXX.XXX.XXX.XXX
	JDOE	N	XXX.XXX.XXX.XXX
	JDOE2	N	XXX.XXX.XXX.XXX
	JEFF	N	XXX.XXX.XXX.XXX
	REGAN	N	XXX.XXX.XXX.XXX
	TB	N	XXX.XXX.XXX.XXX
	CUSTOM	S	
	HOLD	S	

FIG. 3

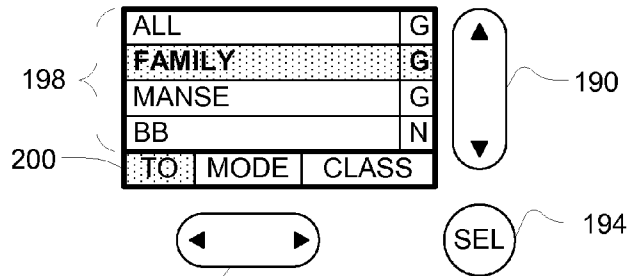


FIG. 4

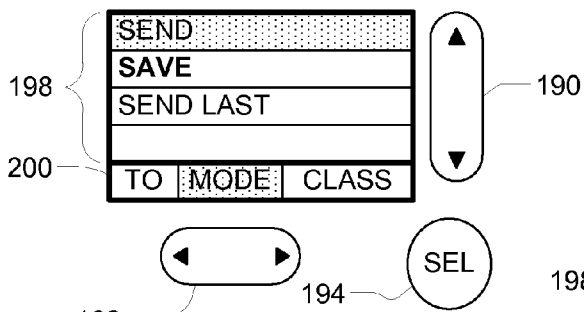


FIG. 5

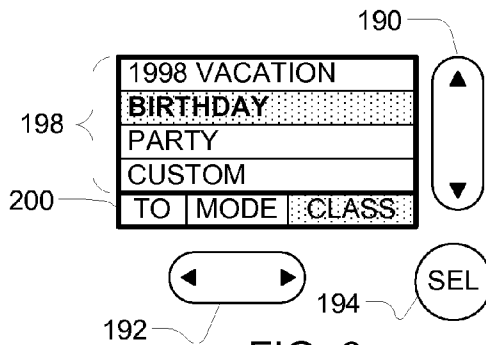


FIG. 6

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