



(12) **United States Patent**  
**Monroe**

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(54) **APPARATUS FOR CAPTURING, CONVERTING AND TRANSMITTING A VISUAL IMAGE SIGNAL VIA A DIGITAL TRANSMISSION SYSTEM**

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**G06K 1/00** (2006.01)  
**H04N 1/00** (2006.01)

(52) **U.S. Cl.** ..... **358/1.15; 358/402; 358/403; 358/407**

(58) **Field of Classification Search** ..... **358/1.15, 358/402, 403, 407, 442, 468, 474**  
See application file for complete search history.

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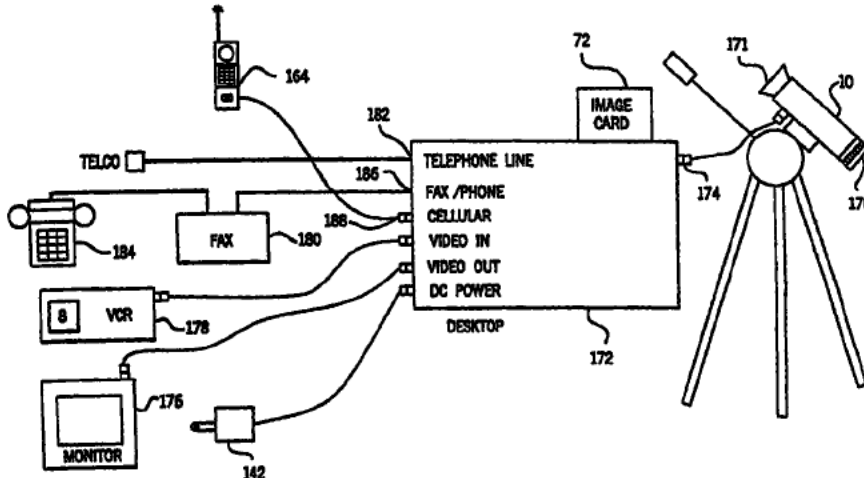
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(57) **ABSTRACT**

An image capture, conversion, compression, storage and transmission system provides a data signal representing the image in a format and protocol capable of being transmitted over any of a plurality of readily available transmission systems and received by readily available, standard equipment receiving stations. In its most comprehensive form, the system is capable of sending and receiving audio, documentary and visual image data to and from standard remote stations readily available throughout the world.

**15 Claims, 73 Drawing Sheets**



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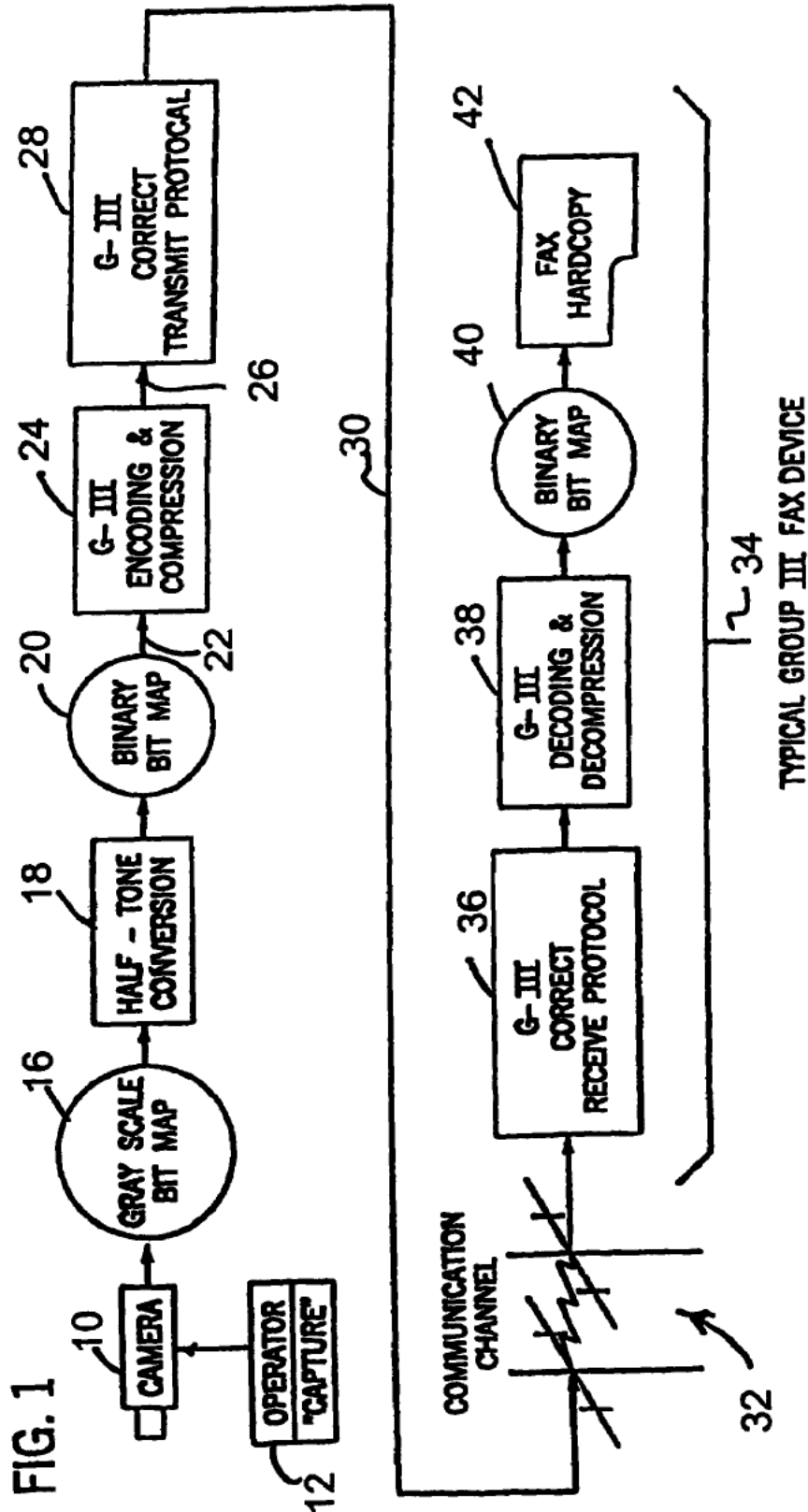
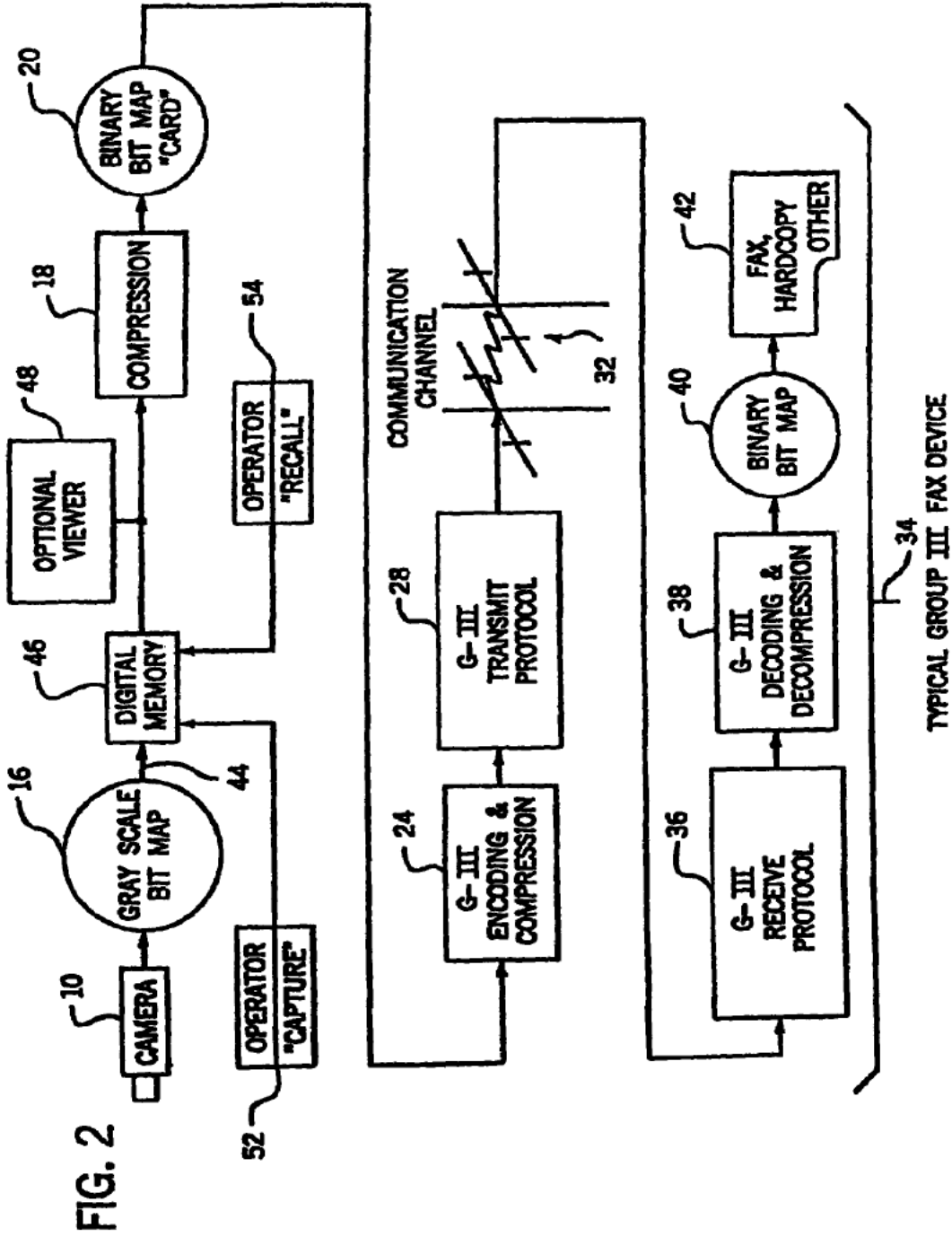


FIG. 1





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