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(54) **CAMERA INFORMATION CODING/DECODING METHOD FOR SYNTHESIZING STEREOSCOPIC REAL VIDEO AND A COMPUTER GRAPHIC IMAGE**

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(57) **ABSTRACT**

A camera information coding/decoding method for synthesizing stereoscopic real video and a computer graphic image is disclosed. The method stores the camera information generated when picturing, which is not contained in the existing multimedia contents coding standard, that is, the location motion information of the camera and the camera viewpoint displacement information, together with contents as the camera motion information stream. The camera information obtained through the camera position sensor and the camera viewpoint displacement sensor when picturing image is coded and stored together with the contents, thereby easily and precisely synthesizing with the computer graphic image. In addition, since the information may be easily transformed to the descriptor of the camera motion information of MPEG-7 format, there is another advantage of easily carrying out camera motion information indexing operation among searching methods of the multimedia contents.

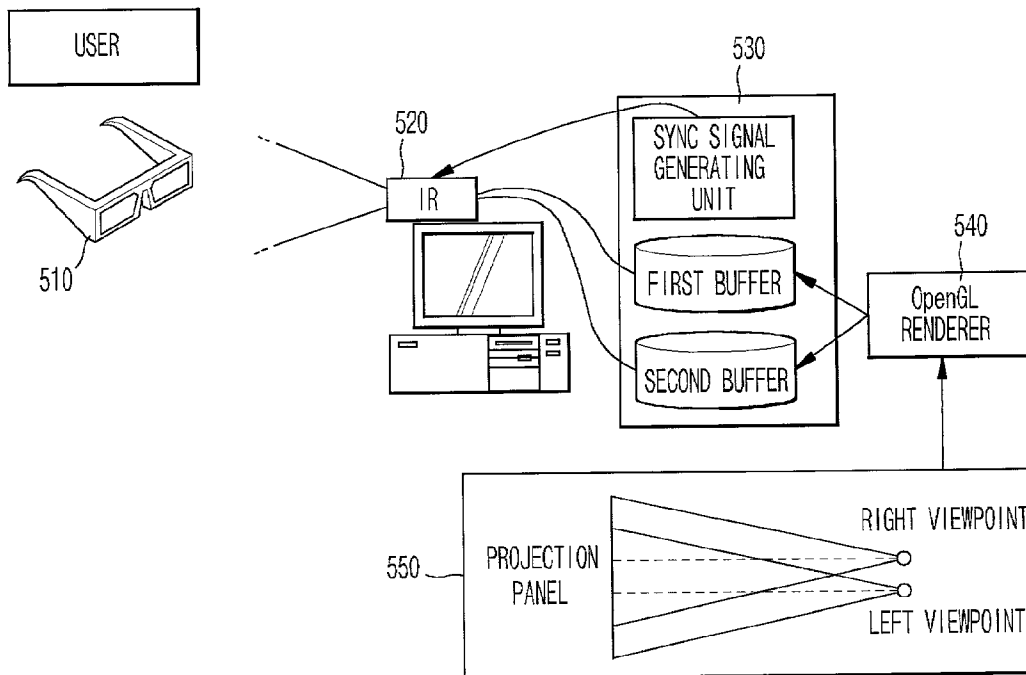


FIG. 1A

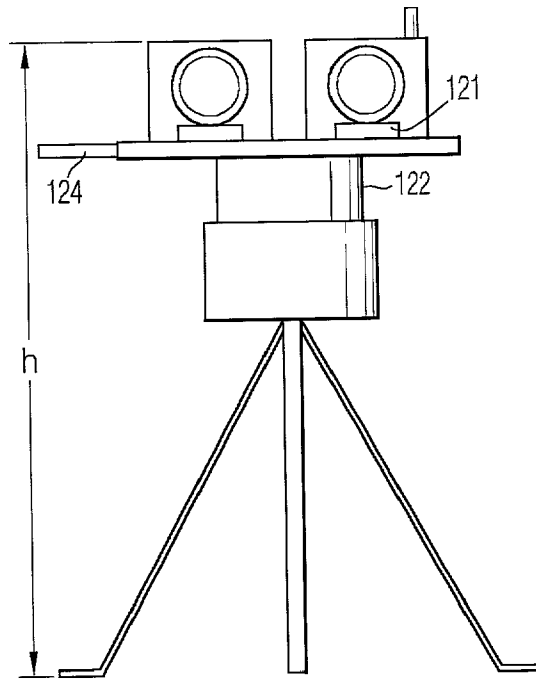


FIG. 1B

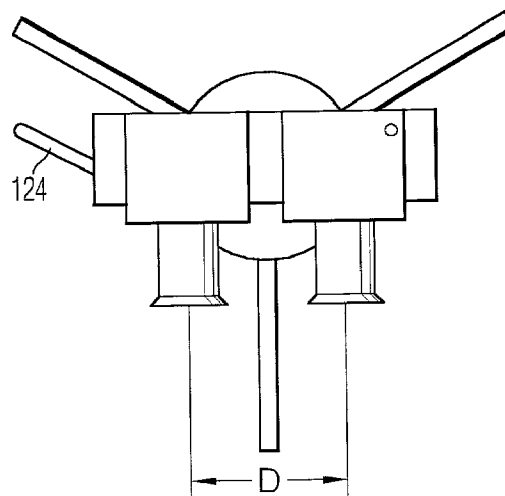


FIG. 1C

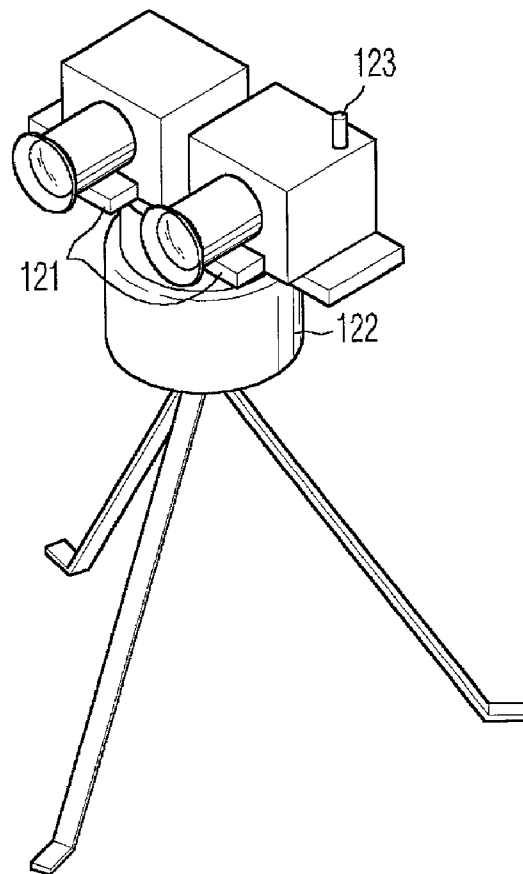


FIG. 2A

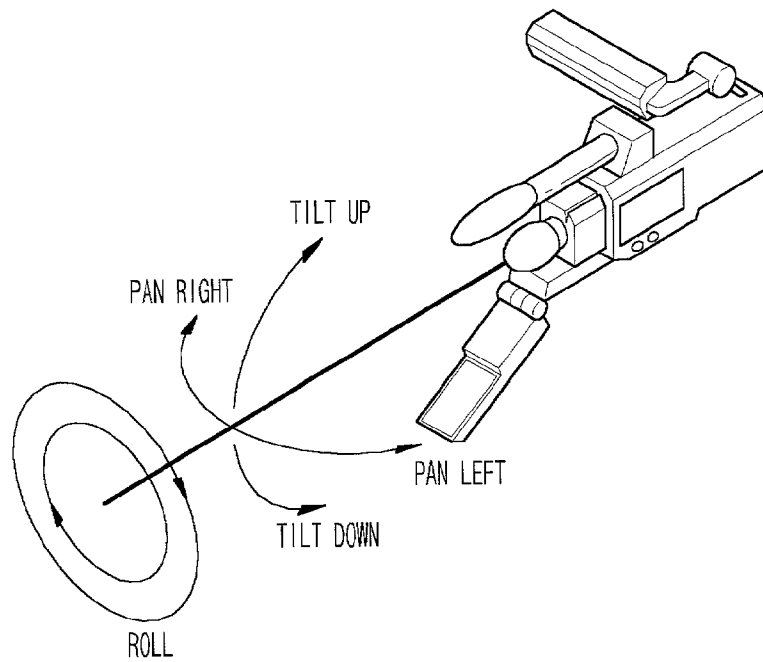


FIG. 2B

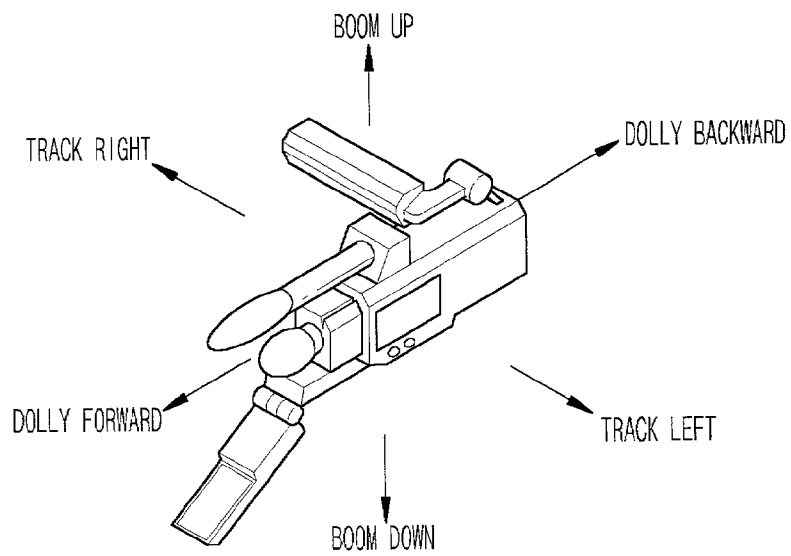


FIG. 3

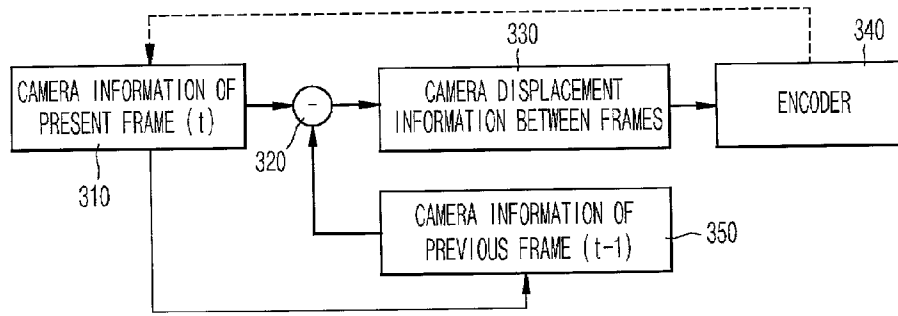
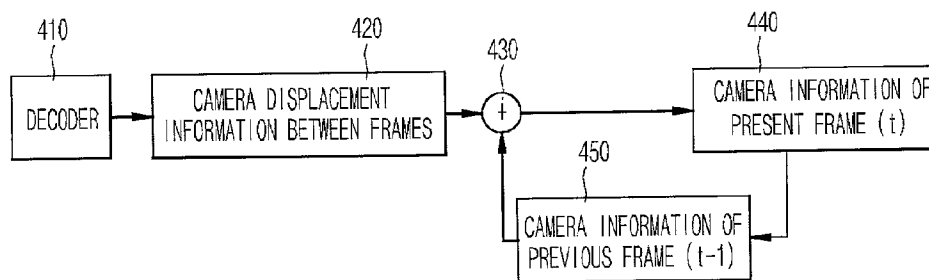


FIG. 4



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