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Krichevsky et al.

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(54) OPTIMIZED DATA TRANSMISSION SYSTEM AND METHOD

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patent is extended or adjusted under 35

U.S.C. 154(b) by 1401 days.

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- (51) Int. Cl.

H04N 7/12 (2006.01)

- (52) U.S. Cl. 375/240.01

See application file for complete search history.

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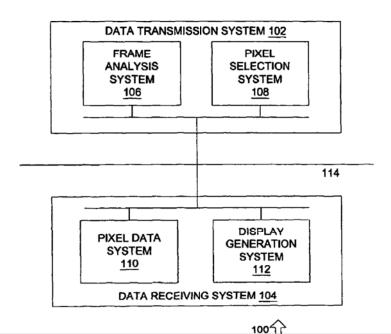
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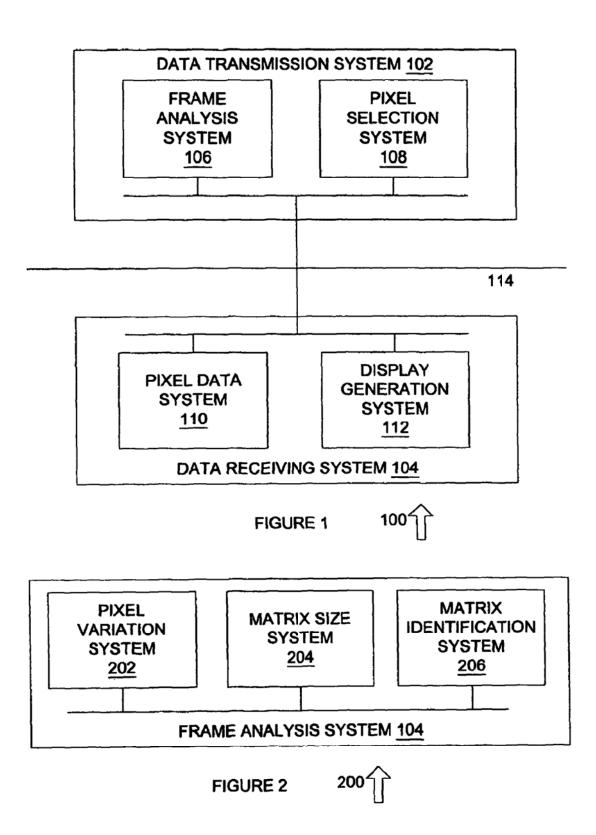
(57) ABSTRACT

A system for transmitting data is provided. The system includes a frame analysis system receiving frame data, such as a frame of video data, and generating region data, such as a uniform matrix size that is used to divide the frame into a predetermined set of matrices. A pixel selection system receives the region data and generates one set of pixel data for each region, such as by selecting one of the pixels contained within each of the original matrices that comprise the frame.

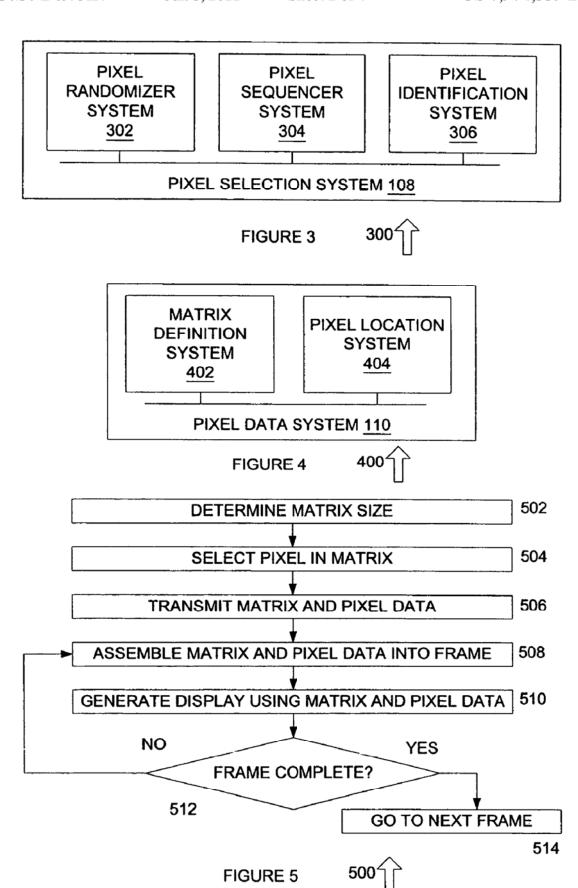
13 Claims, 4 Drawing Sheets

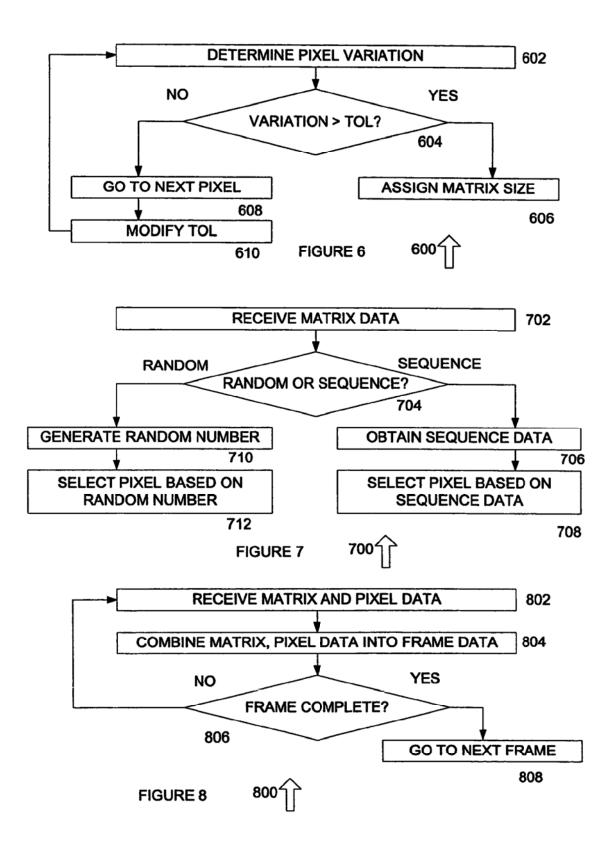






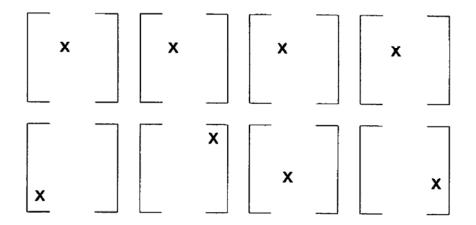


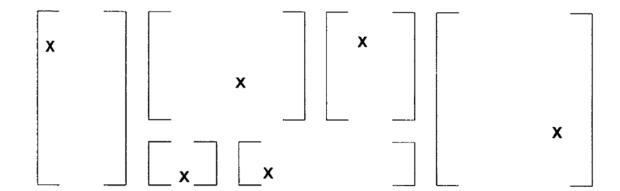






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