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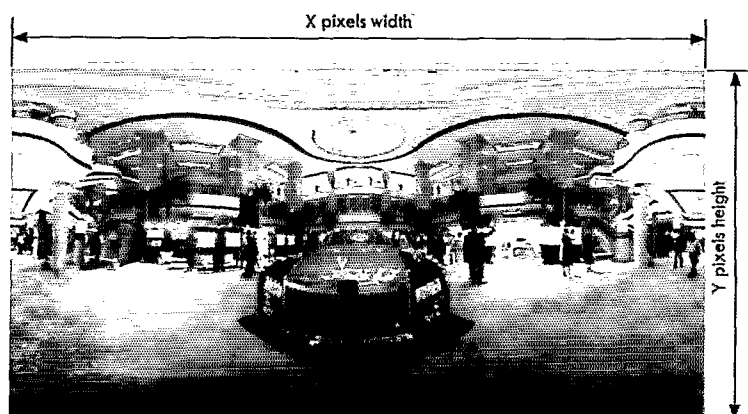
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(54) Title: VIDEO SCRAMBLING THROUGH RELOCATION OF PIXEL BLOCKS



PROGRESSIVE FRAME of an equirectangular image as
used in the
FRAME EXTRACTOR READER 30



FIG 6a

(57) Abstract: A method and system for scrambling visual information are, described. An image, preferably in an uncompressed format, is divided in to n number of patterns having a different aspect ratio. Each pattern is mapped on a matrix i.e positioned on X and Y-axis. The patterns are then arranged in a different and new shape for e.g. a rectangle, preferably, fitting the size of manoblocks in a MPEG video, to that of the original shape of the image but having the same number of patterns or same area. The patterns of pixels are then relocated in the new shape and a matrix is again mapped for the new arrangement of patterns. A key is then generated comprising the information of the encrypted and earlier image. The player decrypts the encrypted visual content or image by means of the information provided by the key.



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