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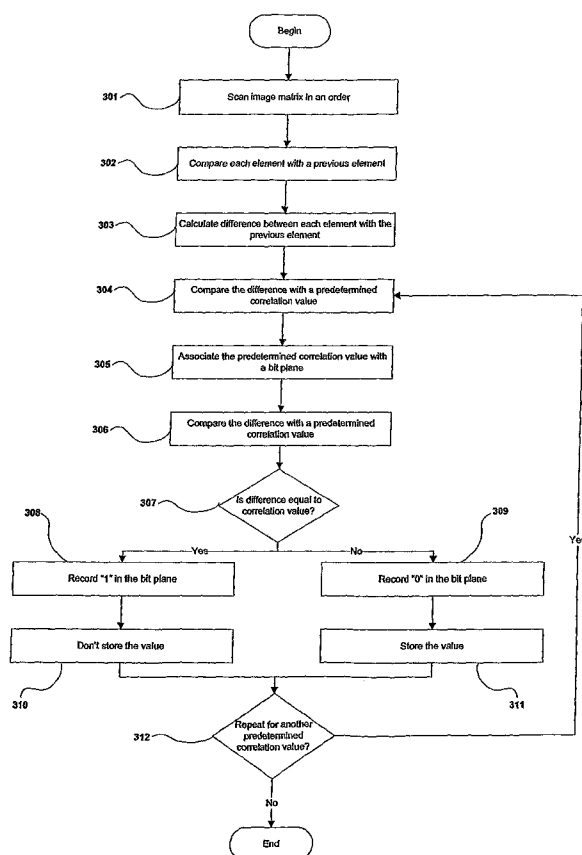
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[Continued on next page]

(54) Title: REPETITION AND CORRELATION CODING



(57) Abstract: A method for compressing image data of an image wherein a difference between each element and a previous element is calculated (303), the method comprising: comparing (304) the difference with a predetermined correlation value; if they are equal, a first value is recorded into a bit plane (308), where the predetermined correlation value is associated with the bit plane (305); and if they are not equal, a second value is recorded into the bit plane (309). Where a first value is recorded in the bit plane, the value of the element is not stored (310), where there is a second value in the bit plane, the value of the element is stored (311). The compressed image can be decompressed using both the bit plane and the bit plane index.



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