

## CLAIMS

1. A system for repetition coded compression comprising means for capturing the image, means for converting to digital form, means for reshaping the data into matrix form, means for encoding the repetitions into bit-plane index and stored data values, means for  
5 storing the compressed data and means for retrieving the data.
2. A system for repetition coded compression for performing a single mathematical operation for compressing image data and also with zero multiplication involved.
- 10 3. A system of repetition coded compression for encoding said repetitions along the said horizontal and said vertical directions.
4. A method of repetition coded compression to compress image and other highly correlated data comprising of the following steps:
  - 15 a) Capturing the image
  - b) Converting into digital form
  - c) Reshaping the data into matrix form