

STORAGE APPARATUS AND STORAGE METHOD

ABSTRACT

A storage apparatus and a storage method for storing data of an input image so that an image formed by enlarging the input image can be immediately obtained. In an input image memory 2, an input image is sequentially stored with addresses designated by horizontal and vertical addresses corresponding to positions of pixels in the vertical and horizontal directions, respectively. After pixels of the input image necessary for forming a pixel-multiplied image which is an image formed of a number of pixels greater than the number of pixels forming the input image have been stored in the input image memory, these pixels are read to a pixel-multiplied image forming circuit and are used to form pixels of the pixel-multiplied image. This pixel-multiplied image is stored in a pixel-multiplied image memory with addresses designated by the horizontal and vertical addresses.

Figure 1