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(54) **IMAGE PROJECTING SYSTEM**

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(58) **Field of Search** 348/744, 756, 348/751, 745, 761, 781, 813, 750, 36, 38, 52, 123, 190, 383, 746–747, 806–807; 349/5, 6, 8; 353/34, 28, 31, 122, 30; 315/11.5, 368.11, 368.12; H04N 9/28, 9/31

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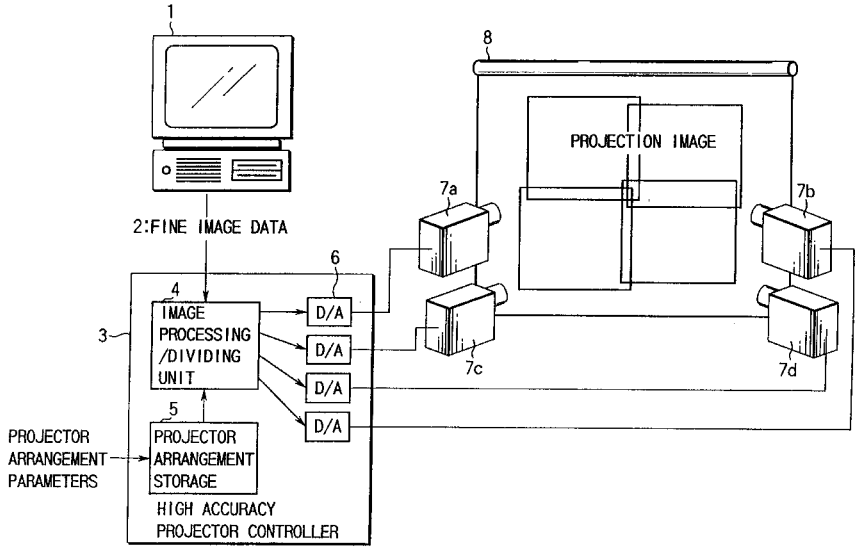
(57) **ABSTRACT**

In a system according to the invention, fine image data **2** created and output by a personal computer **1** is input to an image processing/dividing section **4**. The image processing/dividing section **4** determines, on the basis of parameters stored in a projector arrangement storage **5**, which portion of the fine image data **2** is output to which projector, thereby performing a predetermined processing. Digital signals from the image processing/dividing section **4** are input to a plurality of D/A converters **6**, respectively, where the signals are converted to analog signals. Images in the form of the analog signals are projected onto a screen **8** from projectors **7***a*–**7***d*. Thus, the image projected on the screen **8** is constituted of accurately positioned images, and hence is a very fine image.

16 Claims, 14 Drawing Sheets