

#### ABSTRACT OF THE DISCLOSURE

X-ray penetration images picked up by an X-ray penetrating device are supplied to an image processor, and stored in a magnetic disk unit as radiographic image data. The radiographic image data are reproduced on a reproduced image display monitor installed in an examination room. The examination room further includes a fluoroscopic image display monitor for selectively displaying the fluoroscopic images and menus. The menus include functions to select radiographic image data for reproduction on the reproduced image display monitor and to select a display mode. The functions shown on the menus may be selected and instructed by operating a joystick. During a procedure of interventional radiology, an operator operates the joystick to select and instruct desired radiographic image data to be reproduced. A display mode for enlarging reproduced images may be selected as necessary.

