



[54] MOBILE BI-PLANAR FLUOROSCOPIC IMAGING APPARATUS

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[51] Int. Cl.<sup>7</sup> ..... H05G 1/70

[52] U.S. Cl. .... 378/92; 378/101; 378/197

[58] Field of Search ..... 378/41, 42, 92, 378/101

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[57] ABSTRACT

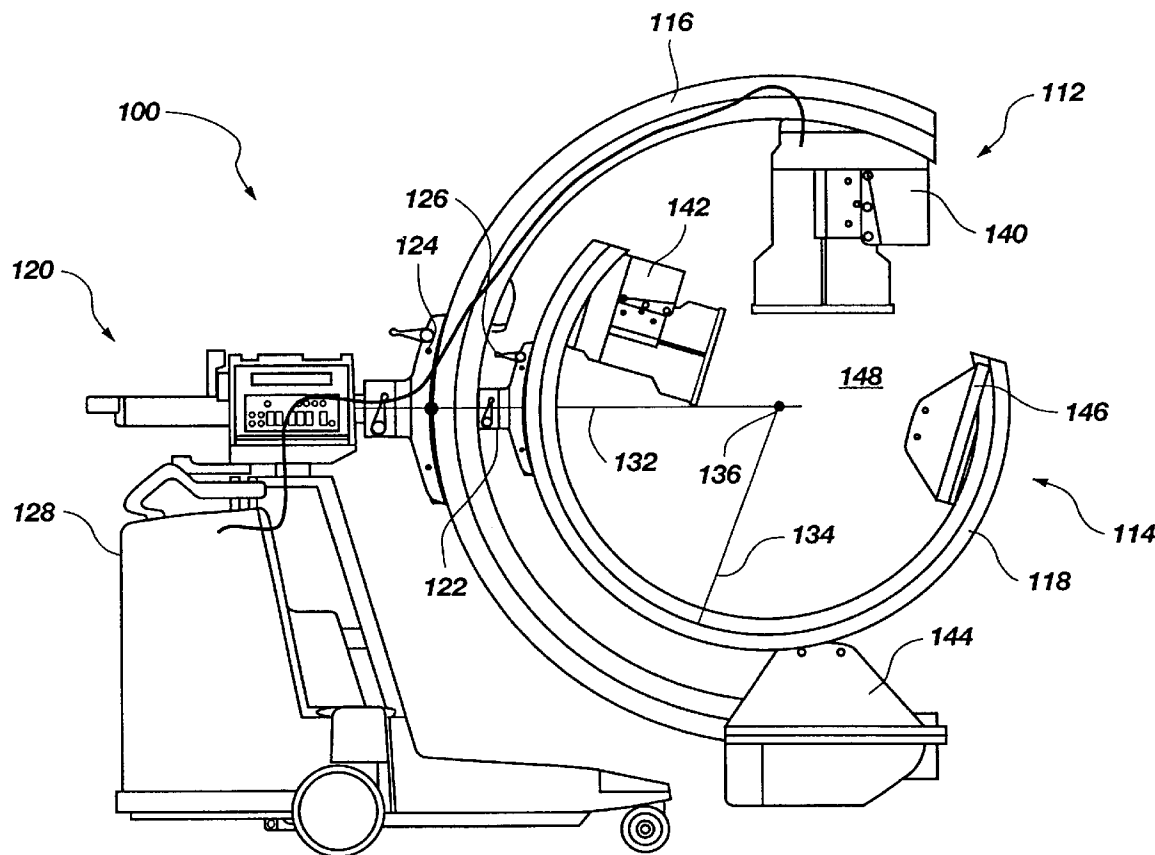
A mobile, bi-planar fluoroscopic imaging apparatus has first and second imaging systems disposed on first and second C-arms. The C-arms are preferably disposed on wheeled bases allowing for movement from one place to another. Alternatively, the first C-arm is large and disposed on a wheeled base while the second C-arm is smaller and disposed on the first C-arm such that it nests. A controller sends trigger pulses to the imaging systems causing the systems to alternate operation. Alternatively, the first and second systems are configured in a master/slave relationship with the master system sending triggering pulses to the slave. A display continuously displays the images produced by the imaging systems such that an image produced by the first system is displayed while the second system operated to produce an image and vis versa. A storage device stored the images as they are produced and later delivers the images to the display for viewing.

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21 Claims, 5 Drawing Sheets



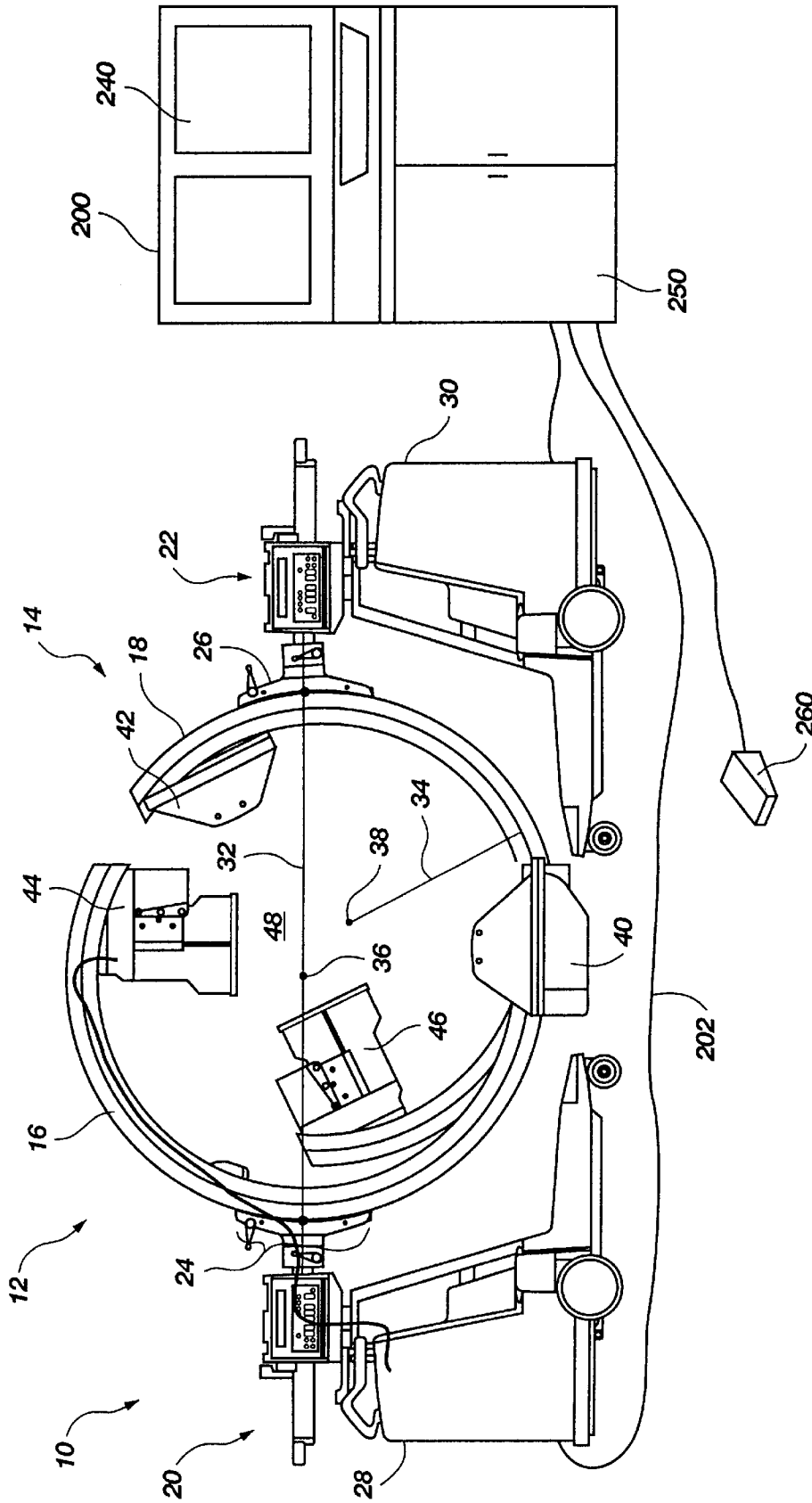


Fig. 1

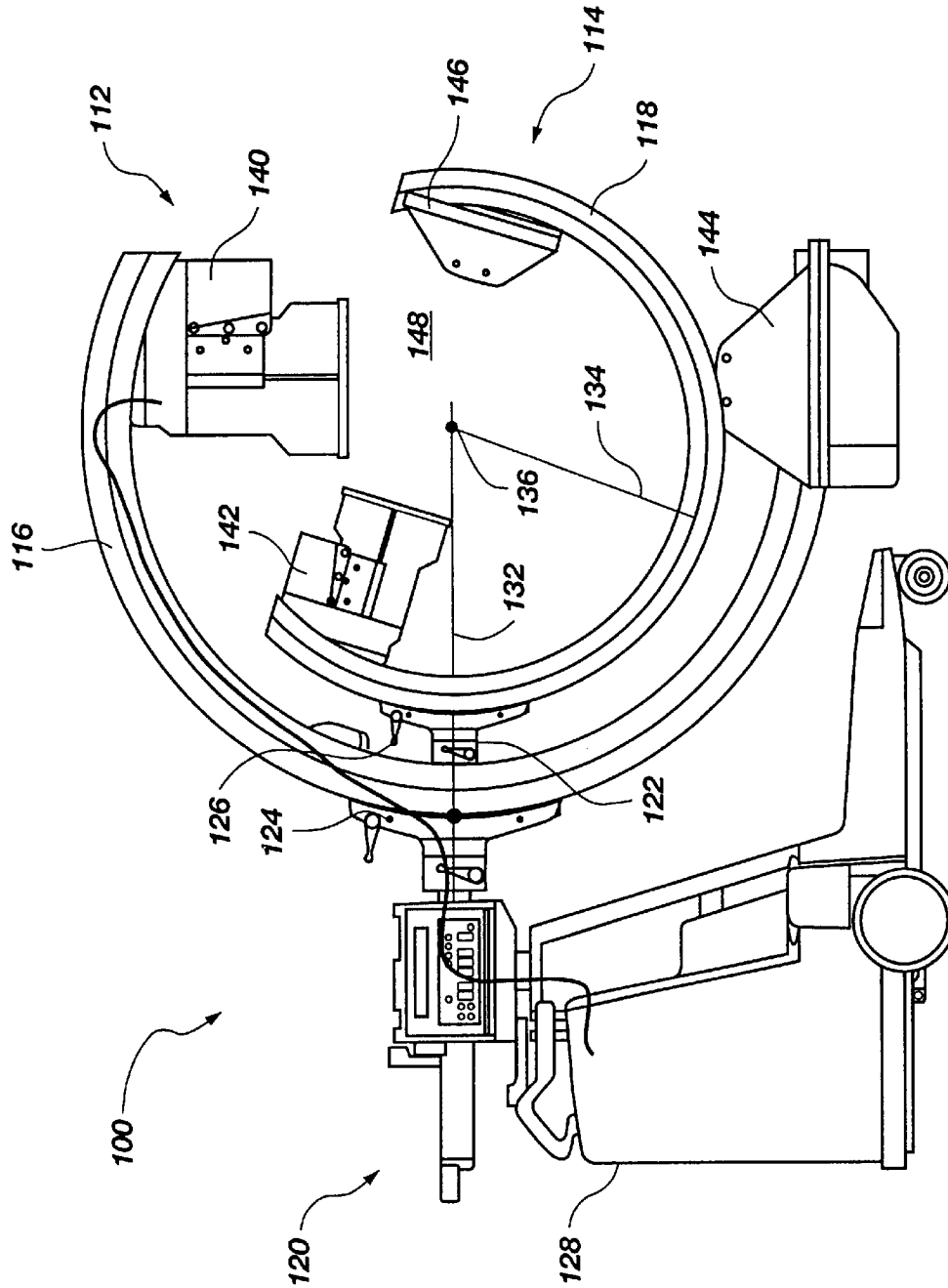


Fig. 2

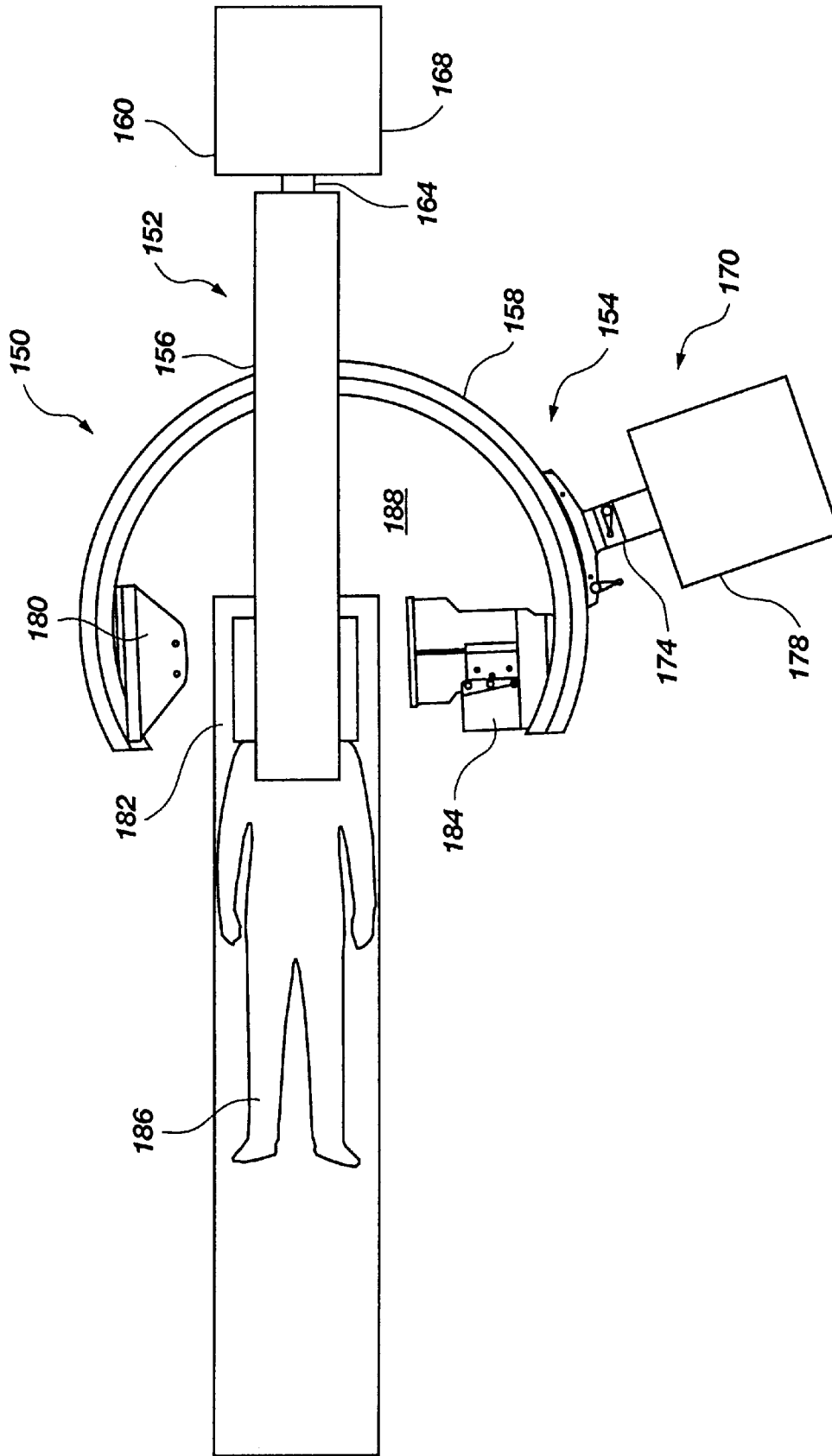


Fig. 3

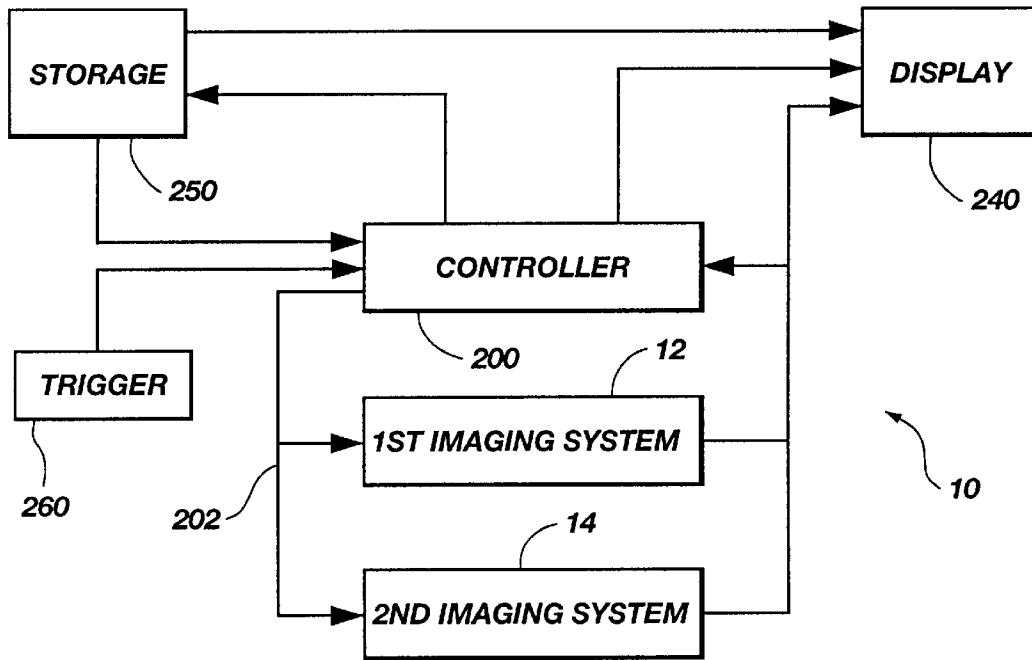


Fig. 4

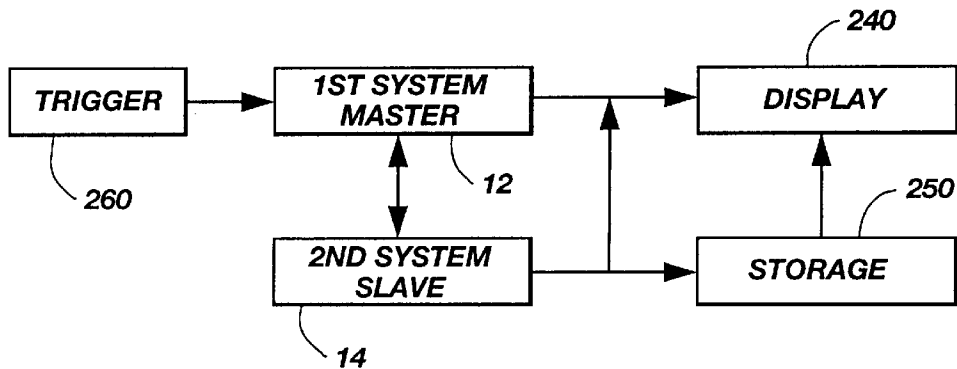


Fig. 5

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