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(54) Title: MULTIPLE IMAGE COLLECTION AND SYNTHESIS FOR PERSONNEL SCREENING

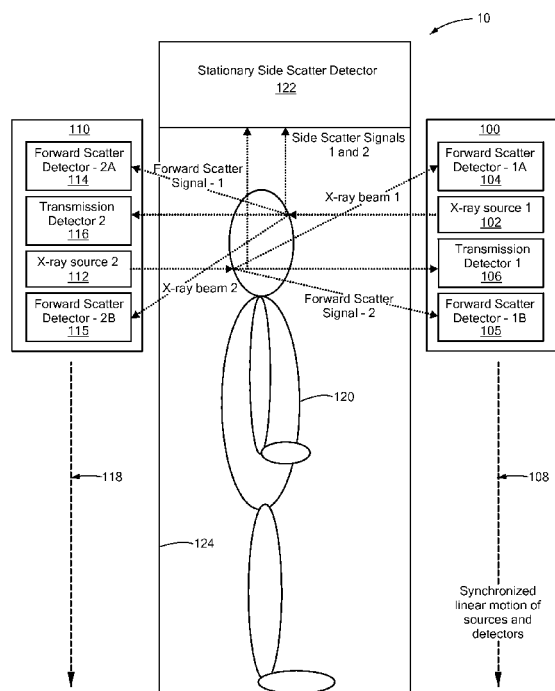


FIG. 1

(57) Abstract: An apparatus and method for inspecting personnel or their effects. A first and second carriage each carries a source for producing a beam of penetrating radiation incident on a subject. A positioner provides for synchronized relative motion of each carriage vis-a-vis the subject in a direction having a vertical component. A detector receives radiation produced by at least one of the sources after the radiation interacts with the subject.



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