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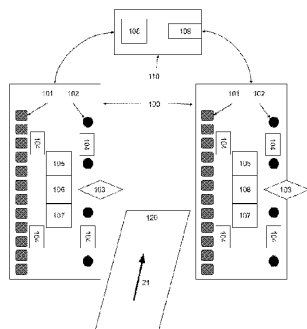


FIG. 1



FIG. 2

(57) Abstract: The disclosed invention comprises a security screening system and device for detecting and classifying items concealed on the body of a moving or stationary person, as well as in carried or wheeled luggage, in real time. The invention combines radio wave technology, magnetometer technology, and optical sensors to detect dielectric and/or metal objects on targets moving through the portal formed by the invention. The sensed data is then sent to a calculation processor of the system which forms 2-D images to determine the type of object, the location of the object, and other additional information relating to the target and/or object.



WO 2024/189400 A1