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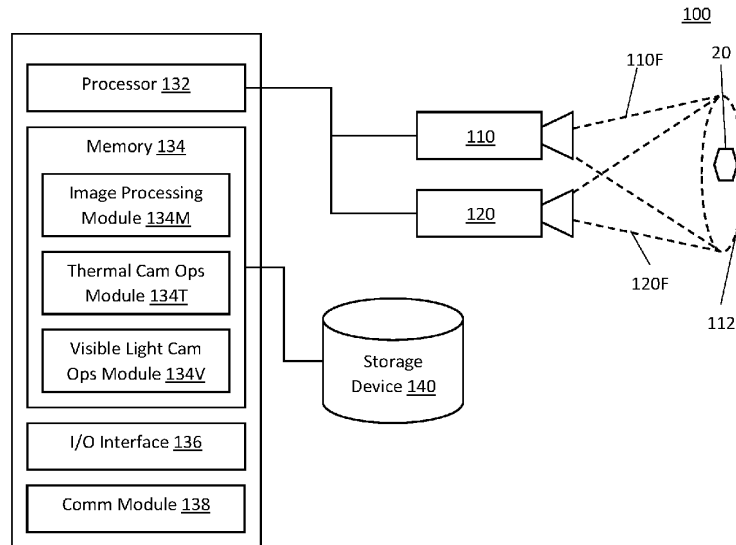


Fig. 1

(57) Abstract: A system for detecting a foreign object on a runway, the system including a thermal camera comprising a first field of view and adapted to capture a thermal image of a first view of an area of interest on the runway from one side of the runway, a visible light camera comprising a second field of view and adapted to capture a visible light image of the first view of the area of interest on the runway from the one side of the runway, wherein the first field of view overlaps the second field of view, detect a thermal object image in the thermal image, detect a visible light object image in the visible light image, and determine that the foreign object is detected when the thermal object image and the visible light object image are detected in the thermal image and the visible light image respectively.

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