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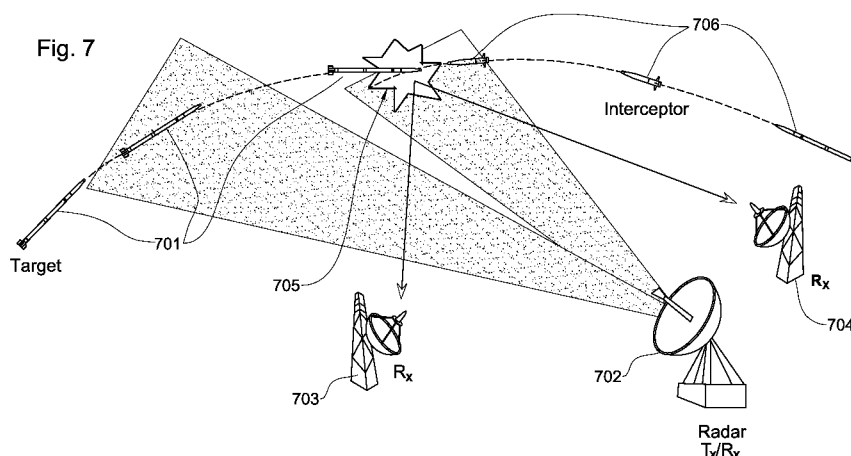
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(54) Title: ANTI-ROCKET SYSTEM



(57) Abstract: A counter-flying object system comprising a sensor array including at least one active sensor configured to detect and track the flying object, and a missile launcher configured to launch an interceptor to intercept the flying object, wherein upon launching of the interceptor, the sensor array is configured to determine the location of the interceptor and send said object and interceptor locations to a control system, the control system being configured to provide mission data to the interceptor based on said object and interceptor locations for guiding the interceptor toward the flying object and activating a fragmentation warhead on or in the vicinity of said flying object when a lethality criteria is met.