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(71) Applicant (for all designated States except US): **ELTA SYSTEMS LTD.** [IL/IL]; 100 Sderot Itzhak Hanasie, P.O.B. 330, 77102 Ashdod (IL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **FIEREIZEN, Moshe** [IL/IL]; Neve Zuff, 71945 Halamish (IL).

(74) Agent: **REINHOLD COHN AND PARTNERS**; P.O.B. 4060, 61040 Tel-Aviv (IL).

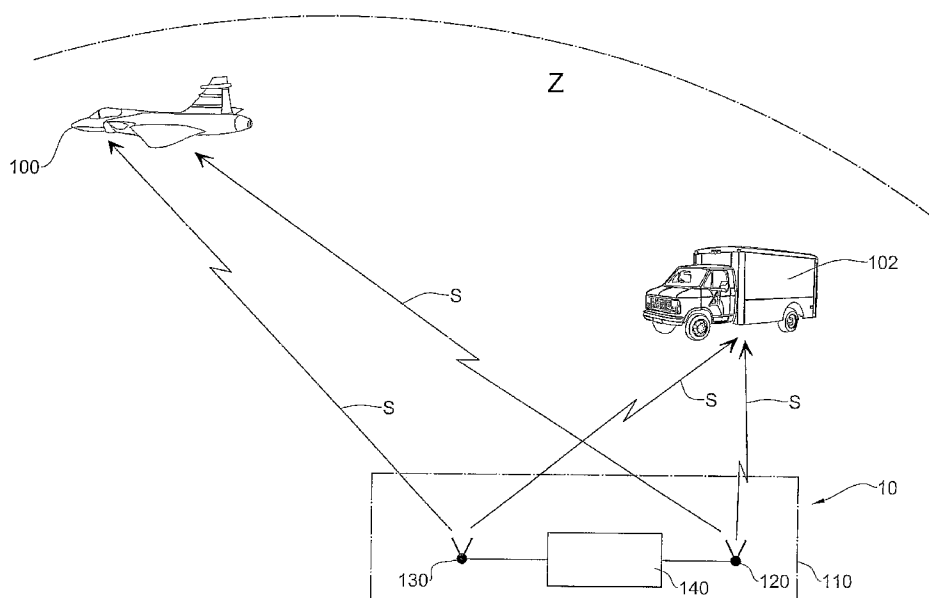
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(54) Title: A POSITIONING SYSTEM AND METHOD



(57) Abstract: There is provided a system and method for positioning a receiver, the system comprising an antenna array coupled to a common generating and switching unit. The generating and switching unit is configured to generate a periodic signal and to switch the signal between at least two antennas, constituting a positioning signal; such that an RF receiver receiving the positioning signal and having a phase difference estimator is capable to measure phase differences between portions of the positioning signal transmitted by the spaced-apart antennas, the phase differences indicating the orientation of the received relative to the positioning system.

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