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(71) Applicant (for all designated States except US):
RAYTHEON COMPANY [—/US]; 870 Winter Street,
Waltham, MA 02451-1449 (US).

(72) Inventors: **KERNER, Stephen R.**; 6140 Canterbury
Drive, #210, Culver City, CA 90230 (US). **QUAN,**

Clifton; 5521 Florinda Avenue, Arcadia, CA 91006
(US). **ROKOSKY, Raquel Z.**; 632 Meyer Lane, Unit D,
Redondo Beach, CA 90278 (US).

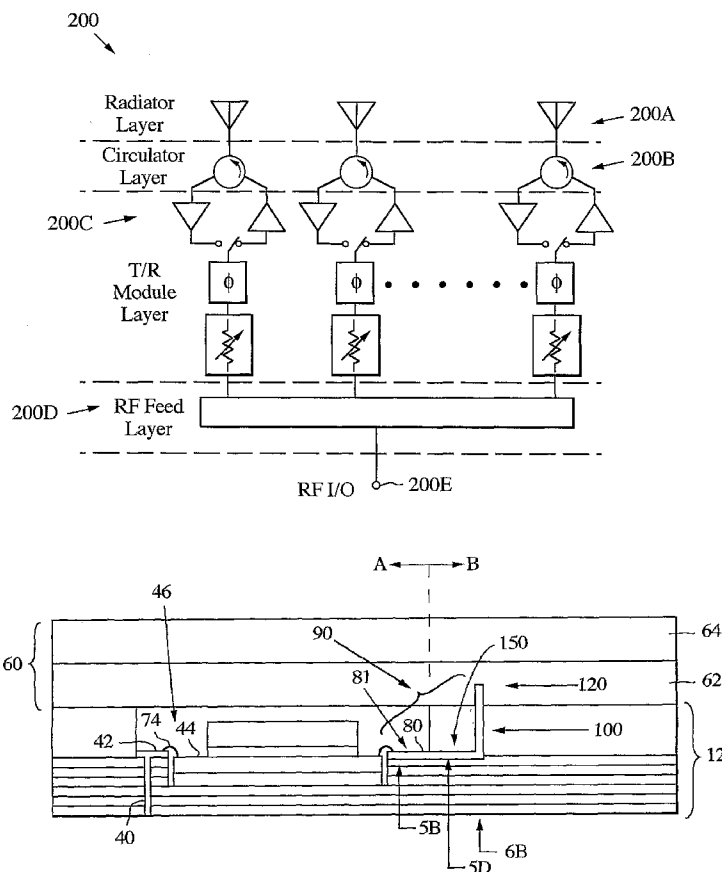
(74) Agent: **ALKOV, Leonard A.**; c/o Raytheon Company,
P.O. Box 902 (E4/N119), El Segundo, CA 90245-0902
(US).

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(54) Title: EMBEDDED RF VERTICAL INTERCONNECT FOR FLEXIBLE CONFORMAL ANTENNA



(57) Abstract: An RF signal transition (90) includes a channelized microstrip transmission structure (80), and a coplanar wave guide structure (150) in electrical communication with the channelized microstrip transmission structure. A caged troughline transition structure (100) is in electrical communication with the coplanar wave guide structure. A caged coaxial transmission structure (120) is in electrical communication with the troughline transition structure. The signal transition may be embedded in a flexible printed wiring board structure with a circulator (46) for a conformal antenna structure (10).

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