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(71) Applicant: **TRIMBLE NAVIGATION**
585 North May Avenue, Post Office Box 3642
Sunnyvale, California 94088(US)

(72) Inventor: **Rodal, Eric B.**

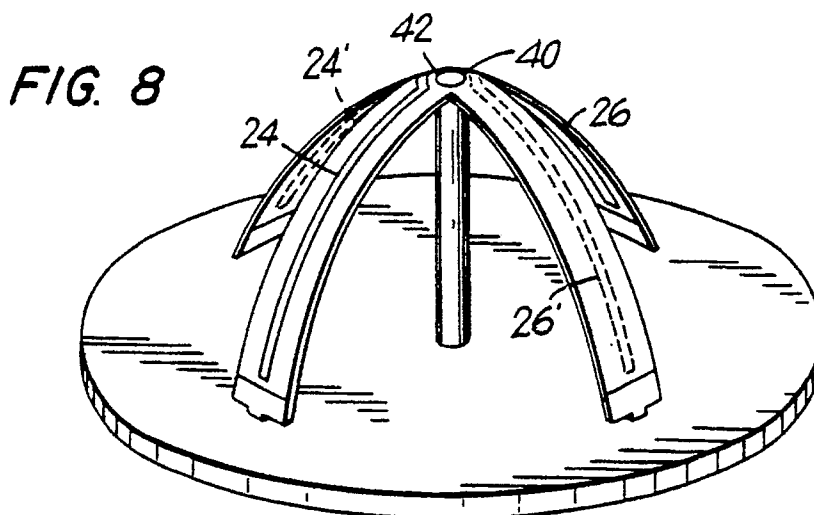
19140 Cozette Lane
Cupertino, CA 95014(US)
Inventor: **Detro, Michael C.**
18644 Faure Ridge
Los Gatos, CA 95030(US)
Inventor: **Gildea, David R.**
435 Hermosa Way
Menlo Park, CA 94025(US)
Inventor: **Janky, James M.**
793 Lewiston Court
Sunnyvale, CA 94087(US)

(74) Representative: **Adams, William Gordon et al**
RAWORTH, MOSS & COOK 36 Sydenham
Road
Croydon Surrey CR0 2EF(GB)

(54) **Antenna with curved dipole elements.**

(57) An antenna comprises a base plate (20) forming a ground plane, a coaxial feed serving as a mast (22) connected to the base plate (20) and extending along an axis that is normal to the ground plane, and two orthogonal dipoles (24, 26) each formed of two elements. Each dipole element has a first end con-

nected to and supported by the mast at a first location spaced apart from the ground plane by a predetermined distance and a second end closer to the ground plane and exhibits a curvature in a plane containing the mast.



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EUROPEAN SEARCH REPORT

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EP 90 31 2325

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	ELECTRONICS. vol. 35, November 16, 1962, NEW YORK US pages 46 - 49; SCOTT: 'Special Antenna for a Moon Capsule ' * page 46, right column, last paragraph * * page 48, left column, last paragraph - page 49; figures 1,3,4 * - - -	1-3,5,6,9, 13	H 01 Q 21/20 H 01 Q 21/26
X	1980 INTERNATIONAL SYMPOSIUM DIGEST ANTENNAS AND PROPAGATION vol. 1, November 1980, QUEBEC, CA pages 105 - 108; POWERS: 'A SMALL, CURVED, CROSSED SLEEVE DIPOLE CIRCULARLY POLARIZED ANTENNA ' * page 105; figure 2 * - - -	1-3,9,13	
A	US-A-4 878 062 (CRAVEN ET AL.) * column 2, line 43 - column 3, line 63; figures 1-3 * - - -	1-14	
A	US-A-3 811 127 (GRIFFEE ET AL.) * column 2, line 12 - column 3, line 19; figures 3-5 * - - -	1-14	
A	SOVIET INVENTIONS ILLUSTRATED H01Q21/26, week 8911,26 April 89 Derwent Publications Ltd., London GB * W 02 no.89-084340/11 &SU-A-1424-085(LOKETEV-KALMYKOV V)15-09-88 * - - - - -	1,5-8	TECHNICAL FIELDS SEARCHED (Int. Cl.5) H 01 Q
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 16 September 91	Examiner ANGRABEIT F.F.K.
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention</div> <div>E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document</div>			