2000 03776-2
original specs for reference.

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : H04L 5/14, 25/49	A1	(11) International Publication Number: WO 99/35780
		(43) International Publication Date: 15 July 1999 (15.07.99)

(21) International Application Number: PCT/GB99/00008

(22) International Filing Date: 11 January 1999 (11.01.99)

(30) Priority Data:
9800440.1 10 January 1998 (10.01.98) GB

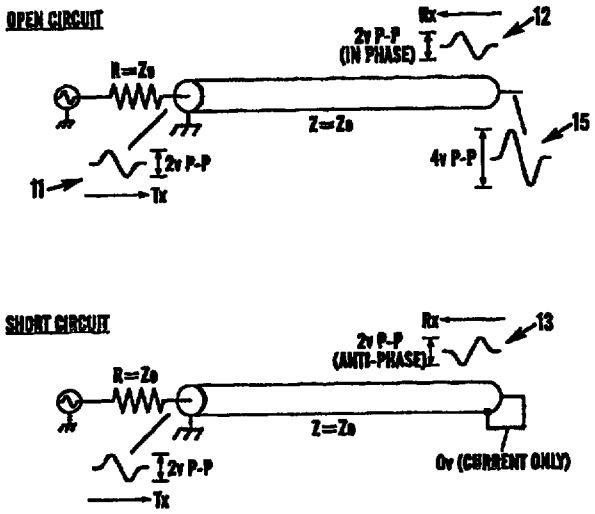
(71)(72) Applicant and Inventor: WOOD, John [GB/GB]; Unit 6, Francis Court, Wellingborough Road, Rushden, Northamptonshire NN19 6AY (GB).

(74) Agent: DODD, David, Michael; T N P Services, 5 Half Edge Lane, Eccles, Manchester M30 9GJ (GB).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published
With international search report.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: IMPEDANCE MODULATION SIGNALLING



(57) Abstract

Signalling between transmitting means and receiving means wherein signals from the transmitting means are subjected by the receiving means to deliberate reflections and resulting signals are transmitted back as meaningful at the transmitting means, different deliberate reflections having effects on said resulting signals that have different meanings at said transmitting means. Two-way signalling involves first signalling in one direction by sending signals with certainty of deliberate reflection thus resulting signals for return related to the signals sent according to the nature of the deliberate reflection and second signalling in the other direction by varying the nature of the deliberate reflection.