

9701001 1
IPAS



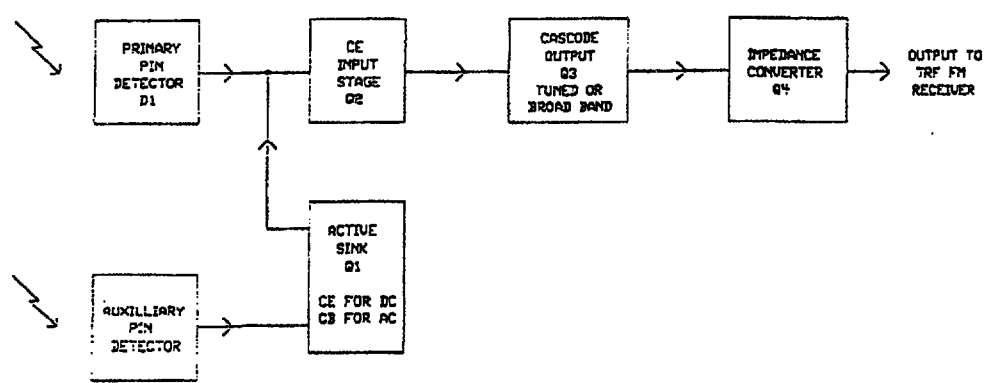
PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H04B 10/00, 10/24		A1	(11) International Publication Number: WO 97/02669
			(43) International Publication Date: 23 January 1997 (23.01.97)
(21) International Application Number: PCT/US96/10900 (22) International Filing Date: 26 June 1996 (26.06.96) (30) Priority Data: 08/496,970 30 June 1995 (30.06.95) US (71) Applicant: TALKING SIGNS, INC. [US/US]; 812 North Boulevard, Baton Rouge, LA 70802 (US). (72) Inventor: MADEY, Julius, M., J.; 601 Country Route 21, Hillsdale, NY 12529 (US). (74) Agent: SIEBERTH, John, F.; John F. Sieberth & Associates, Suite A, 8170 Goodwood Boulevard, Baton Rouge, LA 70806 (US).		(81) Designated States: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TT, UA, UG, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> <i>With amended claims.</i>	

(54) Title: **DISCRIMINATING INFRARED SIGNAL DETECTOR AND SYSTEMS UTILIZING THE SAME**



(57) Abstract

Described is a portable directional receiver (fig. 2). It comprises a non-visual communicator, a self-contained source of electrical energy, a detector (D1) for receiving a sensed continuous frequency modulated infrared signal, and electronics (Q2, Q3, Q4) converting the sensed signal into intelligible non-visual communication emanating from the communicator both in the presence and in the absence of an ambient background of light energy, such as sunlight. The device is adapted for use by the visually impaired in finding desired locations from which suitable modulated infrared signals are continuously emitted.