



PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H04B 1/18		A1	(11) International Publication Number: WO 97/27677
			(43) International Publication Date: 31 July 1997 (31.07.97)
(21) International Application Number: PCT/US96/03506		(81) Designated States: AU, CA, CN, JP, KR, MX, <u>(SG)</u> European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).	
(22) International Filing Date: 14 March 1996 (14.03.96)			
(30) Priority Data: 08/590,997 24 January 1996 (24.01.96) US		Published With international search report.	
(71) Applicant: BELL COMMUNICATIONS RESEARCH, INC. [US/US]; 445 South Street, Morristown, NJ 07960-6438 (US). <i>see PF23 of 21/7/99</i>			
(72) Inventors: CHANG, Li-Fung ; 11 Burgundy Drive, Holmdel, NJ 07733 (US). NOERPEL, Anthony, Robert ; 450 Monmouth Place, Long Branch, NJ 07740 (US). KANADE, Ashok ; 24 Old Dutch Road, Warren, NJ 07059 (US). SOLLENBERGER, Nelson, Ray ; 22 Green Meadow Drive, Tinton Falls, NJ 07724 (US).			
(74) Agents: YEADON, Loria, B. et al. ; c/o International Coordinator, Room 1G112R, 445 South Street, Morristown, NJ 07960-6438 (US).			

(54) Title: **METHOD FOR ASSIGNING BAND PORT CHANNELS IN AN UNLICENSED PERSONAL COMMUNICATIONS SYSTEM**

(57) Abstract

A number of RPs stagger the times in which they begin searching for available channels. In a preferred method, one of a plurality of RPs in a UPCS system is selected to have a first start time (S20). The system determines which RPs in the system can "see" the selected RP. Each of these RPs is given a unique stagger start time (S26). This process may be repeated until each RP in the system is assigned a stagger start time (S30). Alternatively, if there are fewer RPs in the system than there are available stagger start times, each RP may be selected to have a unique stagger start time.

