RE(U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (modified) (Rev. 6-93) MRD 7-27-99 Patent and Trademark Office OMB No. 0651-0011 (exp. 4/94) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Norman P. SECORD (August 27, 1997) Name: BELL-NORTHERN RESEARCH LTD. Leo STRAWCZYNSKI (September 2, 1997) Internal Address: Additional name(s) of conveying party(ies) attached? No Street Address: P.O. Box 3511, Station C 3. Nature of conveyance: City: Ottawa, Ontario, 4H7 XX Assignment Merger Security Agreement Change of Name JUL 2 7 1999 Other _____ Execution Date: Same as above Additional name(s) & address(e) attached 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 08/879,773 Additional numbers attached? No 6. Total number of applications and patents 5. Name and address of party to whom correspondence concerning document should be mailed: involved: 1 Name: Brian J. McNamara 7. Total fee (37 C.F.R. § 3.41). \$40.00 Internal Address: FOLEY & LARDNER XX Enclosed Street Address: 3000 K Street, N.W., Suite 500 Authorized to be charged to deposit account City: Washington, State: D.C. ZIP: 20007-5109 8. Deposit account number: 19-0741 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Brian J. McNamara July 27, 1999 Name of Person Signing Date Total number of pages including cover sheet, attachments, and document: 2

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ASSIGNMENT BELL-NORTHERN RESEARCH LTD.

For value received, I (we) the undersigned, whose full post office address(es) is (are) adjacent my (our) name(s), hereby sell, assign and transfer to:

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its successors, assigns and legal representatives, the entire right, title and interest, including priority rights, for all countries, in and to certain inventions relating to:

MULTI-CARRIER CDMA COMMUNICATIONS SYSTEMS

set forth in an application for letters pate	ent of the UNITED STATES OF AMERI	CA	
Serial No. <u>08/879,773</u> , filed	June 20, 1997		
and all rights and privileges under any a	nd all letters patent that may be granted	d for said	inventions.
Witness Signature PLAN J. P. CARTER. Witness Name (print)	Norman P. SECORD 22 Sherbrooke Ave. Ottawa, Ontario, Canada K1Y 1R7	Date	27/08/9 Assignor
Witness Signature OBVID STEER Witness Name (print)	Leo STRAWCZYNER 479 Highland Ave. Ottawa, Ontario, Canada K2A 2J5	Date 2	Left. 7, 199 Assignor
Witness Signature		Date	Assignor
Witness Name (print)			
Witness Signature		Date	Assignor
Witness Name (print)			
☐ Additional Assignors on attached Page	2		

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