ORM PTO-1595 (Modified)  Rev. 6-93)  REC(  08 -	13-1999 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
MB No. 0651-0011 (exp.4/94) opyright 1996-97 LegalStar 08A/REV02	Be about 11818 Birli (1281 Birli 1821)
Tab settings → → → ▼	
To the Honorable Commissioner of Patents and 101	116405 d original documents or copy thereof.
Name of conveying party(ies):     Eric N. Johnson	Name and address of receiving party(ies):
Adrien A. Comeau	Name: Nortel Networks Corporation
Peter A. Barany Shavantha Kularatna	Address: World Trade Center of Montreal
Additional names(s) of conveying party(ies)	380 St. Antoine Street West, 8th Floor
3. Nature of conveyance:	5
☑ Assignment  ☐ Merger	
☐ Security Agreement ☐ Change of Name	City: Montreal State/Prov.: Quebec
☐ Other	Country: Canada ZIP: H2Y 3Y4
Execution Date: July 27, 28 and August 3, 1999	Additional name(s) & address(es)
<ol> <li>Application number(s) or registration numbers(s):         If this document is being filed together with a new application,         Patent Application No.         Filing date     </li> </ol>	the execution date of the application is: August 3, 1999  B. Patent No.(s)
S-4-99 Additional numbers	□ Yes ⊠ No
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved:
Name: Dan C. Hu	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 40,025	☐ Enclosed - Any excess or insufficiency should be
Address: Trop, Pruner, Hu & Miles, P.C.	credited or debited to deposit account
8554 Katy Freeway, Suite 100	☐ Authorized to be charged to deposit account
City: Houston State/Prov.: TX  Country: USA ZIP: 77024	8. Deposit account number:  20-1504 (NORT-0005-US)
40.00.	USE THIS SPACE
7. Statement and signature.	August 4, 1999 Signature  Date
Total number of pages including	· · · · · · · · · · · · · · · · · · ·

PATENT REEL: 010156 FRAME: 0016

### **ASSIGNMENT**

WHEREAS, the undersigned inventor(s), hereinafter called the "Assignor", has invented a new and useful invention entitled:

### CHANNEL REUSE PATTERNS IN A MOBILE COMMUNICATIONS SYSTEM

for which reference a full description is here made in an application for Letters Patent of the United States filed herewith.

WHEREAS, NORTEL NETWORKS CORPORATION, a Canadian company having a principal office and place of business at, World Trade Center of Montreal, 380 St. Antoine Street West, 8<sup>th</sup> floor, Montreal, Quebec H2Y 3Y4, Canada hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and the application herein above identified, and all Letters Patents that may issue for the said invention, and all divisions, reissues, substitutions, continuations, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patents for the said invention may issue.

FURTHER, be it known that the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

And the Assignor does hereby covenant and agree, for himself and his legal representatives, that they will assist the Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional papers and make all lawful oaths which may be requested by the Assignee, or to its successors,

assigns, and legal representatives, any facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

IN TESTIMONY WHEREOF, the Assignor has hereunto set his hands on the date indicated below.

Dated: 1999	ERIC N. JOHNSON
Dated: Avg 03 1999	Adrien A. COMEAU
Dated:	PETER A. BARANY
Dated:	SHAVANTHA KULARATNA

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assigns, and legal representatives, any facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

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Dated:	
Dated: 7 27 99	PETER A. BARANY
Dated:	SHAVANTHA KULARATNA

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Dated:	
	ERIC N. JOHNSON
Dated:	
	ADRIEN A. COMEAU
Dated:	
	PETER A. BARANY
Dated: 28/07/99	A.s. A. Kularah.
	SHAVANTHA KULARATNA