MARK OFFICE UNITED ^~ 12-15-1998 SHEET 100922217 Our Ref.: NTL-3.2.024-1920 (Newson RO-3975) 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): NORTHERN TELECOM LIMITED Paul Newson and Frank Martin van Heeswyk P.O Box 6123, Station A, Montreal Quebec, Canada H3C 3J5 Additional name(s) of conveying partyries) attached? _____Yes ___X__No 3 Nature of conveyance: X Assignment Merger Security Agreement Change of Name ___ Other: 09201021 Execution Date: November 24,1998 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: November 24, 1998 A. Patent Application No.(s): B. Patent No.(s): Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and patents concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41) \$ 40.00 COBRIN & GITTES 750 Lexington Avenue X_ Enclosed New York, New York 10022 X Any deficiency is authorized to be charge to deposit Account No. 03-2317. 00000034 09201021 12/09/1998 PALLEN 8. Deposit Account No. 03-2317 02 FC:581 40.00 DP (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 Richard M. Lehrer, Reg. No. 38,536 Name of Person Signing Signature November 30, 1998 Date Name of Person Signing

F\WPDATA\NORTEL\1920\ASSIGN.TRA

PATENT

REEL: 9634 FRAME: 0504

Case: NTL-3.2.024/1920 (Newson-RO-3975)

ASSIGNMENT NORTHERN TELECOM LIMITED

For value received, we the undersigned, whose full post office addresses are adjacent our names, hereby sell, assign and transfer to:

NORTHERN TELECOM LIMITED

whose full post office address is:

P.0 Box 6123, Station A, Montreal,

Quebec, Canada H3C 3J5

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:

CDMA Pseudo-Smart Antenna Selection

set forth in an application for letters patent of the UNITED STATES OF AMERICA executed concurrently herewith,

and all rights and privileges under any and all letters patent that may be granted for said inventions.

Witness Signature

NOON K. THUNG

Witness Name (print)

Paul Newson

22 Kingsfor Crescent Kanata, Ontario, Canada

Witness Signature

WOUN A THONG

Witness Name (print)

Frank Martin van Heeswyk

23 Hexham Road

Nepean, Ontario, K2H 5L3, Canada

Form NTP (03/95)

F:\WPDATA\NORTEL\1920\ASSIGNM.ENT

RECORDED: 11/30/1998

Newson-RO-3980

PATENT

REEL: 9634 FRAME: 0505