

11-14-2000

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

R. DOUGLAS BEARDS; QI TANG; and ERIC GAGNON

Additional names(s) of conveying party(ies)

☐ Yes ☐ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: September 25, 2000

2. Name and address of receiving party(ies):

Name: NORTEL NETWORKS LIMITEDAddress: World Trade Center of Montreal380 St. Antoine Street, 8th FloorCity: MontrealState/Prov.: QuebecCountry: CanadaZIP: H2Y 3Y4

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: September 25, 2000

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James McGrawRegistration No. 28168Address: SMART & BIGGARP.O. Box 2999, Station D900 - 55 Metcalfe StreetCity: OttawaState/Prov.: OntarioCountry: CanadaZIP: K1P 5Y6

6. Total number of applications and patents involved

1

7. Total fee (37 CFR 3.41):.....\$ 40.00☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

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19-2550

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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.*James McGraw (Reg. No. 28168)

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Signature

September 26, 2000

Date

Total number of pages including cover sheet, attachments, and

2

PATENT
REEL: 011224 FRAME: 0902

ASSIGNMENT NORTEL NETWORKS LIMITED

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:

whose address is:

NORTEL NETWORKS LIMITED
World Trade Center of Montreal
380 St. Antoine Street West, 8th floor
Montreal, Quebec, Canada H2Y 3Y4


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:

PHASE SHIFTER USING SINE AND COSINE WEIGHTING FUNCTIONS

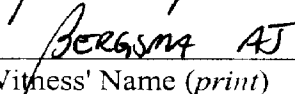
set forth in an application for letters patent of the UNITED STATES OF AMERICA

executed concurrently herewith,

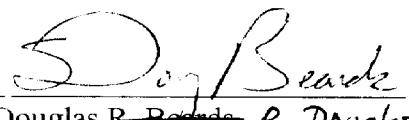
and all rights and privileges under any and all letters patent that may be granted for said inventions.



 Witness' Signature



 Witness' Name (print)


 Date: Sep 25/00

~~Douglas R. Beards~~ R. Douglas Beards Assignor
 10920 Vancamp Road, R.R.#2 RDB
 Mountain, Ontario, Canada K0E 1S0

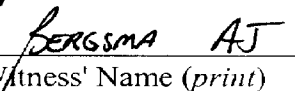
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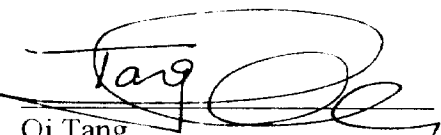
 Date: _____
 John J. Nisbet
 17 Wigan Drive
 Nepean, Ontario, Canada K2E 6K9
 Assignor




 Witness' Signature



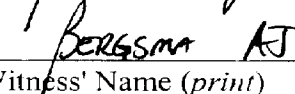
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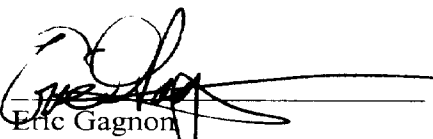
 Qi Tang
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 Assignor



 Witness' Signature



 Witness' Name (print)

 Date: Sept 25/00

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