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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

1. Nimal SENARATH
2. Kelvin Kar-Kin AU
3. Shalini PERIYALWAR

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 09/30/2005 2.06/27/2005 3.09/30/2005

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Joint Research Agreement
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other _____

2. Name and address of receiving party(ies)

Name: NORTEL NETWORKS LIMITED

Internal Address: _____

Street Address: 2351 Boulevard Alfred-Nobel

City: St. Laurent

State: Quebec

Country: Canada Zip: H4S 2A9

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

12/773,138

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: SMART & BIGGAR

Internal Address: _____

Street Address: 438 University Avenue

City: Toronto

State: Ontario Zip: M5G 2K8

Phone Number: 416-593-5514

Fax Number: 416-591-1890

Email Address: _____

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged to deposit account
- ☐ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 14-1315

Authorized User Name Ronald Faggetter

9. Signature:

Ronald Faggetter
Signature

May 4/10
Date

Ronald Faggetter (Reg. No. 33,345)

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 024334 FRAME: 0578

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CH \$40.00 141315 12773138

ASSIGNMENT

WHEREAS, we, *Nimal Senarath, Kelvin Kar-Kin Au, and Shalini Periyalwar*, whose full post office addresses are *46, Maple Stand Way, Nepean, Ontario, Canada K2G 6P5, 409-1300 Pinecrest Road, Ottawa, Ontario, Canada K2C 3M5, and 88 Summerwalk Place, Nepean, Ontario, Canada K2G 5Y4*, respectively, have invented an invention entitled **POWER MANAGEMENT AND DISTRIBUTED SCHEDULING FOR UPLINK TRANSMISSIONS IN WIRELESS SYSTEMS** for which application for a patent has been filed in the United States;

AND WHEREAS, *Nortel Networks Limited*, whose full post office address is *2351 Boulevard Alfred-Nobel, St. Laurent, Quebec, Canada H4S 2A9*, is desirous of acquiring an interest therein;

AND WHEREAS, the serial number and filing date of the U.S. application are:

Serial No.: 11/012,898

Filing Date: December 16, 2004

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, *Nimal Senarath, Kelvin Kar-Kin Au, and Shalini Periyalwar*, by these presents do sell, assign and transfer, and do hereby confirm the sale, assignment and transfer, unto *Nortel Networks Limited* of our full, right, title and interest for the United States of America and all other countries foreign thereto, in and to the said invention, as described in the said application; said invention, said application, any other applications for Letters Patent for said invention, and all Letters Patent issuing from such applications, to be held and enjoyed by the said *Nortel Networks Limited*, for its own use and benefit, and for its legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

We, *Nimal Senarath, Kelvin Kar-Kin Au, and Shalini Periyalwar*, undertake to sign such further documents to effect the aforesaid sale, transfer and assignment as may be required from time to time, without reimbursement, but at the expense of *Nortel Networks Limited*.

Serial No.: 11/012,898

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Filing Date: December 16, 2004

EXECUTED at Ottawa, Ontario, Canada, this 30th day of September, 2005.

Nimal Senarath
Nimal Senarath

I, Mark Earnshaw, whose full post office address is 61 Allenby Road, Kanata, Ontario K2K 2J8, Canada hereby declare that I was personally present and did see Nimal Senarath who is personally known to me to be the person named in the above assignment duly sign and execute the same.

Mark Earnshaw
Signature of Witness

EXECUTED at _____, this _____ day of _____, 2005.

Kelvin Kar-Kin Au
Kelvin Kar-Kin Au

I, _____, whose full post office address is _____ hereby declare that I was personally present and did see Kelvin Kar-kin Au who is personally known to me to be the person named in the above assignment duly sign and execute the same.

Signature of Witness

EXECUTED at Ottawa, Ontario, Canada, this 30th day of September, 2005.

Shalini
Shalini Periyalwar

I, Mark Earnshaw, whose full post office address is 61 Allenby Road, Kanata, Ontario K2K 2J8, Canada hereby declare that I was personally present and did see Shalini Periyalwar who is personally known to me to be the person named in the above assignment duly sign and execute the same.

Mark Earnshaw
Signature of Witness

Serial No.: 11/012,898
Filing Date: December 16, 2004

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EXECUTED at
, 2004.

, this day of

Nimal Senarath

I,

, whose full post office address is

hereby declare that I was personally present and did see *Nimal Senarath* who is personally known to me to be the person named in the above assignment duly sign and execute the same.

Signature of Witness

EXECUTED at
of June , 2004: 2005
K.A.

Ottawa

, this 27th day

Kelvin
Kelvin Kar-Kin Au

I, Derek Yu

, whose full post office address is

178 Walden Dr. Kanata ON K2K 2K8
hereby declare that I was personally present and did see *Kelvin Kar-kin Au* who is personally known to me to be the person named in the above assignment duly sign and execute the same.

Signature of Witness

EXECUTED at
of , 2004.

, this day

Shalini Periyalwar

I,

, whose full post office address is

hereby declare that I was personally present and did see *Shalini Periyalwar* who is personally known to me to be the person named in the above assignment duly sign and execute the same.

Signature of Witness