

05-13-2003



FORM PTO-920584-96003

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

102446737

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

1. Name of conveying party(ies): **59.03**
Martin Stevens Smith, Andrew James Urquhart, Julius George Robson and David Damian Nicholas Bevan

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other: _____

Execution Date: February 7 & 12, 2003

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

Name: Nortel Networks Limited
Internal Address: _____
Street Address: 2315 Boulevard Alfred-Nobel, St. Laurent, Quebec, CANADA H4S 2A9

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

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: _____

A. Patent Application No.(s)

10/358,914

B. Patent No.(s)

Additional numbers attached: Yes No

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FINANCE SECTION

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

Name: William M. Lee, Jr.
Internal Address: Barnes & Thornburg
Street Address: P.O. Box 2786
City: Chicago State: Illinois Zip: 60690-2786

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41) \$ 40

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

12-0913
(Attach duplicate copy of this form if paying by deposit account.)

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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.

William M. Lee, Jr.
Name of Person Signing

May 5, 2003
Date

William M. Lee, Jr.
Signature

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05/12/2003 BBYRME 00000012 10358914

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40.00 OP

FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I (we) the undersigned, whose full post office address(es) is(are) listed below my (our) name(s), do hereby sell, assign and transfer to:

NORTEL NETWORKS LIMITED

(hereinafter "Nortel"), its successors, assigns and legal representatives, whose full post office address is:

2351 Boulevard Alfred-Nobel
St. Laurent, Quebec
Canada, H4S 2A9

all their right, title, and interest worldwide in and to the invention relating to

Improved Downlink and Uplink Array and Beamforming Arrangement for Wireless Communication Networks

as described in an application for letters patent filed concurrently herewith or filed in the US on _____ and given serial number _____, as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisions, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

I (We) undertake without charges to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to Nortel, its successors assigns and legal representatives.

THE UNDERSIGNED hereby authorizes the firm of Barnes & Thornburg whose full office address is The Rookery Building, Suite 410, 209 South La Salle Street, Chicago, Illinois 60604-1202, United States of America to correct clerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

M. Smith

Martin Stevens SMITH
8 Chuzzlewit Drive
Chelmsford
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12th February, 2003
(Date)

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7/2/03
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S. Baines
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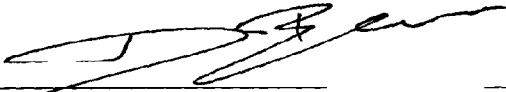
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7th February 2003
(Date)

Keith Wilson
Witness Signature


KEITH WILSON
7 Feb 2003
Witness Name (Print)



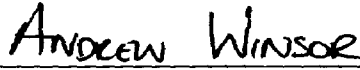
7 Feb '03

David Damian Nicholas BEVAN (Date)

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