

10-20-2000



Substitute Form PTO-1595  
 Attorney Docket No.: 10360-033001  
 Client's Ref. No.: BA0393

101491866

# RECORDATION FORM COVER SHEET PATENTS ONLY

9-25-00

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): <b>Thomas Hardjono and Brad Cain</b> Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): <b>NORTEL NETWORKS LIMITED</b> World Trade Center of Montreal 380 St. Antoine Street West 8 <sup>th</sup> Floor Montreal, Quebec H2Y 3Y4 Canada  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: 5/14/00; 9/12/00	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: <b>09/493,453</b> B. Patent No(s).:  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed:  <b>DENIS G. MALONEY</b> Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: <b>1</b>  7. Total fee (37 CFR §3.41): <b>\$40</b> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account.  8. Deposit Account No.: <b>06-1050</b> Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
<b>DO NOT USE THIS SPACE</b>	
9. Statement and Signature: <i>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.</i>	
Denis G. Maloney Reg. No. 29,670 Name of Person Signing	 Signature
	9/19/2000 Date
Total number of pages including coversheet, attachments and document: <b>3</b>	

20116858.doc

10/18/2000 10:01:11 00000055 03433453

01 FD:581

40.00 00

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

September 19, 2000  
 Date of Deposit

Signature

Marie Collins  
 Typed Name of Person Signing Certificate

**PATENT**  
**REEL: 011163 FRAME: 0610**

ASSIGNMENT

For valuable consideration, we, THOMAS HARDJONO of Arlington, MA, BRAD CAIN of Cambridge, MA, hereby assign Nortel Networks Limited, a Canadian corporation having a place of business at: World Trade Center of Montreal, 380 St. Antoine Street West, 8<sup>th</sup> Floor, Montreal, Quebec H2Y 3Y4, Canada, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled METHOD AND APPARATUS FOR DISTRIBUTING PUBLIC KEY CERTIFICATES, filed January 28, 2000, and assigned U.S. Serial Number 09/493,453, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at 600 Technology Park Drive  
 this 12<sup>th</sup> day of September of, 2000 Billerica, MA 01821  
 \_\_\_\_\_ L.S.

THOMAS HARDJONO

*Thomas Hardjono.*

State of Massachusetts:

: ss.

County of Middlesex :

Before me this 12<sup>th</sup> day of September, 2000, personally appeared Thomas Hardjono known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for

the purposes therein contained.

*Kathleen A. Kennedy*  
 Notary Public

My Commission Expires:

*November 15, 2002*

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
 this \_\_\_\_\_ day \_\_\_\_\_ of, 2000

L.S.

BRAD CAIN

State of \_\_\_\_\_ :

: ss.

County of \_\_\_\_\_ :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally  
 appeared Brad Cain known to me to be the person whose name is subscribed to the foregoing  
 Assignment and acknowledged that he executed the same as his free act and deed for the  
 purposes therein contained.

\_\_\_\_\_  
 Notary Public

My Commission Expires:

[Notary's Seal Here]

50006438.doc

ASSIGNMENT

For valuable consideration, we, THOMAS HARDJONO of Arlington, MA, BRAD CAIN of Cambridge, MA, hereby assign Nortel Networks Corporation, a Canadian corporation having a place of business at: World Trade Center of Montreal, 380 St. Antoine Street West, 8<sup>th</sup> Floor, Montreal, Quebec H2Y 3Y4, Canada, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled METHOD AND APPARATUS FOR DISTRIBUTING PUBLIC KEY CERTIFICATES, filed January 28, 2000, and assigned U.S. Serial Number 09/493,453, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

I hereto set my hand and seal at \_\_\_\_\_,  
 this \_\_\_\_\_ day \_\_\_\_\_ of, 2000  
 \_\_\_\_\_ L.S.  
 THOMAS HARDJONO

I hereto set my hand and seal at \_\_\_\_\_,  
 this 14<sup>th</sup> day May of, 2000  
 \_\_\_\_\_ L.S.  
 BRAD CAIN

50006438.doc