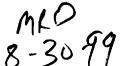
FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 09-09-1999

U.S. Department of Commerce Patent and Trademark Office PATENT





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## RECORDATION FORM COVER SHEET

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Corrective Document	(For Use ONLY by U	I.S. Government Agencies)			
Reel # Frame #	Departmental	File Secret File			
Conveying Party(ies)	Mark if additional names of co	onveying parties attached Execution DateMonth Day Year			
Name (line 1) Earnest E. Hughes		8/20/99			
Name (line 2)		Execution Date			
Name (line 1) Lewis T. Donzis		Month Day Year			
Name (line 1) Lewis T. Donzis		6/20/99			
Name (line 2)					
Receiving Party	Mark if addition	onal names of receiving parties attached			
Name (line 1) Nortel Networks Corp	poration	If document to be recorded is an assignment and the			
Name (line 2) a Canadian Corporat	ion	receiving party is not domiciled in the United States, an appointment			
Address (i.e. t)		of a domestic			
Address (line 1) World Trade Center	of Montreal	representative is attached. (Designation must be a			
Address (line 2) 380 St. Antoine Street	et West, 8th Floor	separate document from Assignment.)			
Address (line 3) Montreal	Quebec/CANADA	H2Y 3Y4			
City State/Country Zip Code  Domestic Representative Name and Address  Enter for the first Receiving Party only.					
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OMB 0651-0027			003239.P040	PATENT
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Address (line 4)	Los Angeles, CA 90025-1026			
Pages	Enter the total number of pag including any attachments.	es of the attached	conveyance docum	ent # 2
Application	Number(s) or Patent Num	ber(s)	Mark if a	dditional numbers attached
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09/38538	ent Application Number(s)		Patent	Number(s)
	s being filed together with a new Patent st named executing inventor.	Application, enter the	date the patent application	n was Month Day Year 08/20/99
Patent Coop	peration Treaty (PCT)			
<u>only</u>	er PCT application number <u>rif</u> a U.S. Application Number not been assigned.	PCT	PCT PCT	PCT PCT
Number of F	Properties	I number of prope	rties involved. #	1
Fee Amount	Fee Amount fo	or Properties Listed	i (37 CFR 3.41): \$	40.00
	of Payment: Enclos Account	sed 🗶 Deposi	t Account	
(Enter for	payment by deposit account or if addition	onal fees can be charge posit Account Numb		02-2666
	Au	thorization to charge	e additional fees:	Yes 🗶 No
Statement a	nd Signature			
attache	best of my knowledge and belied copy is a true copy of the orled herein.			
Matth	ew C. Fagan, Reg. No. 37,542	Signatu	re 🖳	Date

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## RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

003239.P040 Conveying Party(ies) Mark if additional names of conveying parties attached **Execution Date** Enter additional Conveying Parties Month Day Name (line 1) John A. Murphy 8/20/99 Name (line 2) **Execution Date** Month Day Year Name (line 1) Name (line 2) **Execution Date** Month Day Name (line 1) Name (line 2) **Receiving Party(ies)** Mark if additional names of receiving parties attached Enter additional Receiving Party(ies) If document to be recorded Name (line 1) is an assignment and the receiving party is not domiciled in the United Name (line 2) States, an appointment of a domestic representative Address (line 1) is attached. (Designation must be a separate document from Address (line 2) Assignment.) Address (line 3) State/Country Zip Code Name (line 1) If document to be recorded is an assignment and the receiving party is not Name (line 2) domiciled in the United States, an appointment of a domestic representative is Address (line 1) attached. (Designation must be a separate document from Assignment.) Address (line 2) Address (line 3) State/Country Application Number(s) or Patent Number(s) Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Number(s)

## **ASSIGNMENT**

WHEREAS, the undersigned inventor, hereinafter called the "Assignor," has invented a new and useful invention entitled:

## BUMP IN THE WIRE TRANSPARENT INTERNET PROTOCOL

for which reference a full	description is h	here made i	in an a	application	for	Letters I	Patent	of th
United States filed,	and assigned A	application N	No	<u> </u>				

WHEREAS, NORTEL NETWORKS CORPORATION, a Canadian corporation having a principal office and a place of business at, World Trade Center of Montreal, 380 St. Antoine Street West, 8th Floor, Montreal, Quebec H2Y 3Y4, Canada hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above-identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and the application herein above-identified, and all letters Patents that may issue for the said invention, and all divisions, reissues, substitutions, continuations, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patents for the said invention may issue.

**FURTHER**, be it known that the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

And the Assignor does hereby covenant and agree for himself and his legal representatives, that they will assist the Assignee in the prosecution of the application herein identified; in making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth. including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, any facts known respecting said invention, and at the expense of the Assignee. testify in any legal proceeding, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

Docket No. 03239.P040

-1-

And the Commission of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

Each Inventor: Please Sign and Date Below:			Each Inventor: Please also listhat you signed the account DECLARATION AND POATTORNEY:	st the date mpanying WER OF
8/20 Date	, 19 <u>99</u>	Name: Earnest E. Hughes	8/20 Date	_, 19 <u>9</u> 9
8/20/ Date	, 19 <u>99</u> (	Name: Lewis T. Donzis	8/20 Date	_, 19 <u>99</u>
Date	, 19 <u>9</u> 9	Name: John A. Murphy	8 - 2 c · Date	_, 19 <u>99</u>
Date	, 19	Name:	Date	_, 19
Date	, 19	Name:	Date	, 19
Date	, 19	Name:	Date	_, 19

Assignment Document Return Address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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(714) 557-3800