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

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



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☑ New	Conveyance Ty  Assignment	Security Agreement
Resubmission (Non-Recordation)	License	
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Correction of PTO Error Reel # Frame #	│	Other
Corrective Document	/For	U.S. Government Use ONLY by U.S. Government Agencies)
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Conveying Party(ies)	Mark if additional	names of conveying parties attached
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Name (line 1) Timothy F. Cox		Month Day Year  03 30 2001
•		30 30 2001
Name (line 2)		
Second Party		Execution Date
<u>-</u>		Month Day Year
Nome (line 1)   John E. Ohleen		
Name (line 1) John E. Ohlson  Name (line 2)	184	9023
Name (line 2)	☐ Mark if a	additional names of receiving parties attached
Name (line 2)	☐ Mark if a	additional names of receiving parties attached  If document to be recorded is an assignment and the receiving party is not domiciled in the United States
Name (line 2)  Receiving Party Name (line 1)  Alcatel Canada Inc.  Name (line 2)	☐ Mark if a	additional names of receiving parties attached  If document to be recorded is an assignment and the receiving party is not domiciled in the United States an appointment of a domestic representative is attached.
Name (line 2)  Receiving Party Name (line 1)  Alcatel Canada Inc.	Mark if a	additional names of receiving parties attached  If document to be recorded is an assignment and the receiving party is not domiciled in the United States an appointment of a domestic representative is attached.  (Designation must be a separate document from
Name (line 2)  Receiving Party Name (line 1)  Alcatel Canada Inc.  Name (line 2)	☐ Mark if a	additional names of receiving parties attached  If document to be recorded is an assignment and the receiving party is not domiciled in the United States an appointment of a domestic representative is attached. (Designation must be a
Name (line 2)  Receiving Party Name (line 1)  Alcatel Canada Inc.  Name (line 2)  Address (line 1)  Address (line 2)  Kanata		additional names of receiving parties attached  If document to be recorded is an assignment and the receiving party is not domiciled in the United States an appointment of a domestic representative is attached.  (Designation must be a separate document from
Name (line 2)  Receiving Party Name (line 1) Alcatel Canada Inc.  Name (line 2)  Address (line 1)  Address (line 2)  Kanata  Address (line 3)  Ontario	Canada State/Countr	additional names of receiving parties attached    If document to be recorded is an assignment and the receiving party is not domiciled in the United States an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)    K2K 2E6
Name (line 2)  Receiving Party Name (line 1)  Alcatel Canada Inc.  Name (line 2)  Address (line 1)  Address (line 2)  Kanata  Address (line 3)  Ontario  City	Canada State/Countr	additional names of receiving parties attached  If document to be recorded is an assignment and the receiving party is not domiciled in the United States an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)  K2K 2E6
Name (line 2)  Receiving Party Name (line 1) Alcatel Canada Inc.  Name (line 2)  Address (line 1)  Address (line 2)  Kanata  Address (line 3)  Ontario  City  Comestic Representative Name and A	Canada State/Countr	additional names of receiving parties attached    If document to be recorded is an assignment and the receiving party is not domiciled in the United States an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)    K2K 2E6
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Name (line 2)  eceiving Party Name (line 1) Alcatel Canada Inc.  Name (line 2)  Address (line 1) 600 March Road  Address (line 2) Kanata  Address (line 3) Ontario  City  Domestic Representative Name and A  Name Henry K. Woodward  Address (line 1) Townsend and Compared and Compa	Canada State/Countr Address Enter	additional names of receiving parties attached    If document to be recorded is an assignment and the receiving party is not domiciled in the United States an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)    K2K 2E6
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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

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FORM PTO-1619 Expires 06/30/99 OMB 0651-0027	B Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent	Name and Address Area Code and Telephone Number	(650) 326-2400	
Name	Henry K. Woodward		
Address (line 1)	Townsend and Townsend and Crew LLP		
Address (line 2)	Two Embarcadero Center		
Address (line 3)	Eighth Floor		
Address (line 4)	San Francisco, CA 94111		
Pages	Enter the total number of pages of the attached conveyance of including any attachments	document # 14	
If this document is being signed by the first name enter PCT only if a U.	Application Number or the Patent Number (DO NOT ENTER BOTH Application Number(s)  Patent Application Number(s)  Patent Application Number (DO NOT ENTER BOTH Patent Application, enter the date the patent application application number  S. Application as not been assigned.  PCT	ent Number(s)	
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Deposit Acc Enter for payn	count nent by deposit account or if additional fees can be charged to the account.)  Deposit Account Number:	# 20-1430	
	Authorization to charge additional fees:	Yes No No	
Statement and Statement and Statement and State he state	of my knowledge and belief, the foregoing midmatch is to deposit opy is a true copy of the original document. Charges to deposit erein.  Reg. No. 22,672	and correct and any account are authorized, as  May 4 200/ Date	

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

# RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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

Conveying Party(ies)	☐ Mark if additional names of conveying parties attached
Enter additional Conveying Parties	Execution Date Month Day Year
Name (line 1) Francis D. Natali	03 20 2001
Trancis D. Ivatan	
Name (line 2)	
	Execution Date Execution Date
Name (line 1) Jing Shiang Cheng	Month Day Year  03 29 2001
Name (line 1) Jing Shiang Cheng	03 29 2001
Name (line 2)	
	Execution Date
Nama (lina 1)	Month Day Year
Name (line 1)	
Name (line 2)	
Receiving Party(ies)	☐ Mark if additional names of receiving parties attached
Enter additional Receiving Party(ies)	
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
Address (line 1)	representative is attached. (Designation must be
	a separate document from
Address (line 2)	Assignment.)
Address (line 3)	
City	State/Country Zip Code
	☐ 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 is attached.
Address (line 1)	(Designation must be a separate document from
(1) - 2)	Assignment.)
Address (line 2)	
Address (line 3)	State/Country Zip Code
City	
Application Number(s) or Patent Num	the Patent Number (DO NOT ENTER BOTH numbers for the same property).
Enter either the Patent Application Number or tr	Patent Number(s)
Patent Application Number(s)	
PA 3143560 v1	

## ASSIGNMENT OF PATENT APPLICATION

**JOINT** 

3/34/01 THE WHEREAS, Timothy F. Cox, of 1808 Channing Avenue, Palo Alto, CA 94303; John E. Ohlson, of 2706 Ramos Court, Mountain View, CA 94040; Francis D. Natali, of P.O. Box 1870, Port Townsend, WA 98368; Jing Shiang Chang, of 20304 Franklin Avenue, Saratoga, CA 95070; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: POWER POOLING IN NETWORK DOWNSTREAM

DATA TRANSMISSION

Date(s) of execution of Declaration: March 30, 200 1

Filing Date: Herewith

Application No.: ; and

WHEREAS, Alcatel Canada Inc., located at 600 March Road, Kanata, Ontario K2K 2E6, CANADA, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMON	Y WHEREOF, Ass	signors have signed their names on the dates indicated.
Dated: March 30, 200	<u>(</u>	Timothy F. Cox
STATE OF CALIFORNIA COUNTY OF SANTA CLARA)	) ) ss.	
Timothy F. Cox, personally know person whose name is subscribed	wn to me (or prove to the within institity, and that by his	ane E. Hawley, Notary Public, personally appeared ed to me on the basis of satisfactory evidence) to be the rument, and acknowledged to me that he/she-executed the s/her signature on the instrument the person, or the entity instrument.
DIANE E. HAWLEY Commission # 12479 Notary Public - Collid Santa Clara Count My Comm. Expires Jon 1,	97 C	NOTARY PUBLIC
My Commission Expires:  Dated:		John E. Ohlson
		John E. Ohison
STATE OF CALIFORNIA	) ) ss.	
COUNTY OF On	,	before me,  John E. Ohlson , personally
known to me (or proved to me on to the within instrument, and ack and that by his/her signature on t executed the instrument.	the basis of satisfa nowledged to me the he instrument the p	personally appeared <u>John E. Ohlson</u> , personally actory evidence) to be the person whose name is subscribed nat he/she executed the same in his/her authorized capacity, person, or the entity upon behalf of which the person acted
WITNESS my hand and official s	seal.	
		NOTARY PUBLIC
My Commission Expires:		

Assignment Attorney Docket No.: 12755A008600 Page 2

STATE OF WASHINGTON )  COUNTY OF ) ss.  On					
STATE OF WASHINGTON ) ss.  COUNTY OF ) ss.  On	Dated:		_	D ' T	
On				Francis L	). Natalı
On	STATE OF WASHINGTON	)	cc		
	COUNTY OF	)	55.		
known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name to the within instrument, and acknowledged to me that he/she executed the same in his/her authoriand that by his/her signature on the instrument the person, or the entity upon behalf of which the executed the instrument.  WITNESS my hand and official seal.  NOTARY PUBLIC  NOTARY PUBLIC  NOTARY PUBLIC  My Commission Expires:  Jing Shiang Chang  COUNTY OF  On  personally appeared  Jing Shiang Chang  personally known to me (or proved to me on the basis of satisfactory evidence) to be the person we subscribed to the within instrument, and acknowledged to me that he/she executed the sar authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	On				before
NOTARY PUBLIC  My Commission Expires:  Dated:  Jing Shiang Chang  COUNTY OF  On  , personally appeared  personally known to me (or proved to me on the basis of satisfactory evidence) to be the person we subscribed to the within instrument, and acknowledged to me that he/she executed the sar authorized capacity, and that by his/her signature on the instrument the person, or the entity up which the person acted, executed the instrument.	to the within instrument, and act and that by his/her signature on	knowled	sis of satisfacto ged to me that l	ry evidence) to be the ne/she executed the s	e person whose name same in his/her author
Dated:    Jing Shiang Chang Chang STATE OF CALIFORNIA   Ss.	WITNESS my hand and official	seal.			
STATE OF CALIFORNIA  ) ss.  COUNTY OF  On	My Commission Expires:		_	NOTARY	PUBLIC
On	Dated:			Jing Shian	ng Chang - Chang
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personally known to me (or proved to me on the basis of satisfactory evidence) to be the person we subscribed to the within instrument, and acknowledged to me that he/she executed the sar authorized capacity, and that by his/her signature on the instrument the person, or the entity up which the person acted, executed the instrument.		)	SS.		
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person we subscribed to the within instrument, and acknowledged to me that he/she executed the sar authorized capacity, and that by his/her signature on the instrument the person, or the entity up which the person acted, executed the instrument.		) ) )	SS.		l ofono
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Assignment

### ASSIGNMENT OF PATENT APPLICATION

**JOINT** 

WHEREAS, Timothy F. Cox, of 1808 Channing Avenue, Palo Alto, CA 94303; John E. Ohlson, of 2706 Ramos Court, Mountain View, CA 94040; Francis D. Natali, of P.O. Box 1870, Port Townsend, WA 98368; Jing Shiang Chang, of 20304 Franklin Avenue, Saratoga, CA 95070; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: POWER POOLING IN NETWORK DOWNSTREAM

DATA TRANSMISSION

Date(s) of execution of Declaration: April 25, 2001

Filing Date: Herewith

Application No.: ; and

WHEREAS, Alcatel Canada Inc., located at 600 March Road, Kanata, Ontario K2K 2E6, CANADA, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, As	signors have signed their names on the dates indicated.
Dated:	Timothy F. Cox

Attorney Docket No.: 12755A008600 Page 2
STATE OF CALIFORNIA )
OUNTY OF ) ss.
On, before me, personally appeared Timothy F. Cox, personally
mown to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
VITNESS my hand and official seal.
NOTARY PUBLIC
My Commission Expires:
My Commission Expires.
Dated: 27 April 2001 John E. Obligan
John E. Ohlson  TATE OF CALIFORNIA  )
COUNTY OF King )
On A CAPUL 27, 2001, before me,
Christine M. Paalt , personally appeared <u>John E. Ohlson</u> , personally to be the person whose name is subscribed
and asknowledged to me that/he/she executed the same in his/her authorized departs)
nd that by his her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
Christine du Vaar NOTARY PUBLIC
My Commission Expires: 1-7-2003
Notary Public State of Washington CHUSTHE M. PAAR My Appointment Expires Jan 7, 2003

Attorney Docket No.: 12755A00 Page 3	08600					
Dated:						
			Francis D	). Natali		
STATE OF WASHINGTON	)	SS.				
COUNTY OF	)					
On	_		, personally appeared	before Francis D. Natali	me,	
known to me (or proved to me of to the within instrument, and act and that by his/her signature on executed the instrument.  WITNESS my hand and official	knowled the insti	ged to me	that he/she executed the s	ame in his/her author	rized capacity,	
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My Commission Expires:		<del></del>				
Dated:			lina Shiar	ag Chang		165
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STATE OF CALIFORNIA	)	SS.				
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personally known to me (or pro- subscribed to the within instr- authorized capacity, and that be which the person acted, execute	ument, y his/he	ne on the band acknown	pasis of satisfactory eviden	ice) to be the person t she executed the sa	whose name is me in his/her	
WITNESS my hand and officia	l seal.					
			NOTARY	PUBLIC	-	
My Commission Expires:						

Assignment

### ASSIGNMENT OF PATENT APPLICATION

**JOINT** 

WHEREAS, Timothy F. Cox, of 1808 Channing Avenue, Palo Alto, CA 94303; John E. Ohlson, of 2706 Ramos Court, Mountain View, CA 94040; Francis D. Natali, of P.O. Box 1870, Port Townsend, WA 98368; Jing Shiang Chang, of 20304 Franklin Avenue, Saratoga, CA 95070; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: POWER POOLING IN NETWORK DOWNSTREAM

DATA TRANSMISSION

Date(s) of execution of Declaration: March 20, 2001

Filing Date: Herewith

Application No.: ; and

WHEREAS, Alcatel Canada Inc., located at 600 March Road, Kanata, Ontario K2K 2E6, CANADA, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

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IN TESTIM	ONY WHEREOF, Assignors have signed their names on the dates indicated.
Dated:	Timothy F. Cox

Assignment Attorney Docket No.: 12755A0	08600				
Page 2					
STATE OF CALIFORNIA	)	SS.			
COUNTY OF	)	001			
On			,	before	me,
known to me (or proved to me of to the within instrument, and ac and that by his/her signature on executed the instrument.	knowled	sis of satis ged to me	that he/she executed the s	e person whose name ame in his/her author	is subscribed ized capacity,
WITNESS my hand and official	l seal.				
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My Commission Expires:					
Dated:					
			John E. G	Ohlson	
STATE OF CALIFORNIA	)	SS.			
COUNTY OF	)	50.			
On			personally appeared	before John E. Ohlson	me, , personally
known to me (or proved to me of to the within instrument, and act and that by his/her signature on executed the instrument.	.1	sis of satis	factory evidence) to be the	e person whose name ame in his/her author	rized capacity,
WITNESS my hand and officia	l seal.				
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My Commission Expires:					

Assignment Attorney Docket No.: 12755A008600 Page 3	
Dated: 3/20/01	Francis D. Natali
STATE OF WASHINGTON )	
COUNTY OF Jelferson) ss.	
LESLIE FREITAS  known to me (or proved to me on the basis of satisf to the within instrument, and acknowledged to me to	personally appeared <u>Francis D. Natali</u> , personally factory evidence) to be the person whose name is subscribed that <u>he</u> /she executed the same in <u>his</u> /her authorized capacity, person, or the entity upon behalf of which the person acted,
WITNESS my hand an official seal PUBLIC PUBLIC	Levi Freitas NOTARY PUBLIC
My Commission Expires: 12/4/2002	
Dated:	Jing Shiang Chang
STATE OF CALIFORNIA ) ) ss.	
COUNTY OF )	
On	before me,
personally known to me (or proved to me on the baselesseribed to the within instrument, and acknown authorized capacity, and that by his/her signature which the person acted, executed the instrument.	personally appeared Jing Shiang Chang, asis of satisfactory evidence) to be the person whose name is wledged to me that he/she executed the same in his/her on the instrument the person, or the entity upon behalf of
WITNESS my hand and official seal.	
	NOTARY PUBLIC
My Commission Expires:	

#### ASSIGNMENT OF PATENT APPLICATION

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WHEREAS, Timothy F. Cox, of 1808 Channing Avenue, Palo Alto, CA 94303; John E. Ohlson, of 2706 Ramos Court, Mountain View, CA 94040; Francis D. Natali, of P.O. Box 1870, Port Townsend, WA 98368; Jing Shiang Chang, of 20304 Franklin Avenue, Saratoga, CA 95070; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

J.C.

Title of Invention:

POWER POOLING IN NETWORK DOWNSTREAM

**DATA TRANSMISSION** 

Date(s) of execution of Declaration: March 28, 2001

Filing Date:

Herewith

Application No.:

; and

WHEREAS, Alcatel Canada Inc., located at 600 March Road, Kanata, Ontario K2K 2E6, CANADA, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

	IN TESTIMONY WHEREOF, As	signors have si	igned their names on the	dates indicated.
Dated:			Timothy F. Cox	

Assignment					
Attorney Docket No.: 12755A06	08600				
Page 2					
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Assignment Attorney Docket No.: 12755A008 Page 3	8600					
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My Commission Expires: Opril 30, 2002

**RECORDED: 05/04/2001** 

Assignment