CUSTOMIZED		
Form <b>PTO-1595</b> (	(Rev.	03/05

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office:  Please record the attached documents or the new addresses below.    Via Factor	
1. Name of conveying party(les):	
1. Lie QIAN 2. Yiyan TANG	
3. Yuke WANG 4. Bashar Said BOU-DIAB	
5. Wladyslaw OLESINSKI	
2. Name and address of receiving party(ies):	·
Name: ALCATEL _	
Street Address: 54, rue La Boetie	
City + Address: 75008 Paris, FRANCE	
3. Nature of conveyance / Execution date(s):	1.1.1.1.1
Execution Date(s): 06/16/05; 06/16/05; 06/16/05; 05/16/05; 05/31/05	
☑ Assignment       ☐ Merger       ☐ Security Agreement       ☐ Change of Name	
Other:	
4. Application number(s) or patent number(s)	
This document is filed together with a new application.	
A. Patent Application No.(s) B. Patent No.(s)	
11/067,506	
5. Name and address to whom correspondence concerning document should be dire	ected:
Name: B. Aaron Schulman	
STITES & HARBISON PLLC • 1199 North Fairfax St. • Suite 900 • Alexandria, VA 2231	14-1437
Telefax: 703-739-9577 • Telephone: 703-739-4900 • CUSTOMER NO. 00881	
6. Total number of applications and patents involved:	#1
7. Total fee (37 CFR 1.21(h) & 3.41)	
	\$40
(Any insufficiency of fee herewith is authorized to be charged to Deposit Account No. 12-0555)	
8. Payment Information Credit Card: Last 4 Numbers 1009 Expiration Date: 12/09	
9. Signature:  B. Aaron Schulman  OREGUE F. FOR 121 June 200	05
Name of person signing Signature Date	
Total number of pages including cover sheet, attachments and documents: 14	

Documents to be recorded (including cover sheet) should be faxed to (703)-306-5995; or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450 7-05 11:02pm From-MC IET SERVICES ವು/ನದರುವ ಫರ.ಎಂ ವಾಶದಗಳವರುವರ

410 000 0010

Attorney Ref. 150012-US

#### ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and consideration, the receipt and sufficiency of which is valuable acknowledged, the undersigned, whose names and full post office addresses are set out below:

Address Name 2700 Weterview Pkwy, Apt. 4523 Lie Qian Richardson, TX 75080 2200 Waterview Pkwy, Apt. 1937 Yiyan Tang Richardson, TX 75080 USA 1912 Forestdale Drive Yuke Wang Richardson, Texas 75081 APO 87 fifth Avenue Bashar Said Bou-Diab Ottawa, Ontario Kls 2M3 Canada 73 Meadowbreeze Drive Wladyslaw Olesinski Kanata, Optaxio K2M 2L9 Canada

do hereby sell, assign and transfer to ALCATEL, hereinafter called the assignee, whose full post office address is 54, rue La Boétie. 75008 Paxis, and to the assignee's successors, assigns or other legal representatives, our entire right, title, interest, property and benefit for Canada, the United States of America and all other countries, in and to our invention relating to

### FORWARDING STATE SHARING BETWEEN MULTIPLE TRAFFIC PATHS IN A COMMUNICATION NETWORK

including subject matter which is fully set forth and described in my application for Letters Patent of the United States of America, for which a declaration has been signed on even date herewith;

together with our entire right, title, interest, property and benefit for Canada, the United States of America and all other countries, in and to the aforementioned applications, and any foreign applications corresponding thereto and any Letters Patent which may issue for the invention from such applications, including all divisions, continuations, continuations-inpart, re-examinations, reissues and extensions, and any rights of priority resulting from the filing of the above-identified applications under - 2 <del>-</del>

international conventions, treaties or otherwise, the same to be held and enjoyed as fully and exclusively as they would have been by us had this sale, assignment and transfer not been made;

We hereby covenant and agree to do all such things and to execute without further consideration such further assurances, applications and other instruments as may reasonably be required by the assignes to obtain Letters Patent in Canada, the United States of America and all other countries, for the invention, and vest the same in the Assignee;

In witness whereof, we have hereunto signed my name on the day and year set forth below.

# Signature and Statement of Witness for Lie Qian;

16 fh day of THE	2005. Signature of Lie Glan)
personally known to me to be the poduly execute the same on the date set	ent and did see Lie Qian who is erson named in the above assignment.

Signature and Statement of Witness for Yiyan Tang:

Signature Signed at	OF YIYAN TANG	of Texas at Dalles	this
lbth		<u>Tene</u> , 2005.	
		(Signature of Signature	7

Statement of Wi	12:44	, whose full p	ost office
Σ, <u> </u>	(Name of Witness)	<del></del>	
address is 270	2 Watervior Pruy	Ape 4523 Kichardson. T	X 7,000
state chac -	to be the	e person named in the ab-	n Tang Wi ove assign
quit execute ty becapusity know	te same on the date	\$ <del></del>	
		(Signature of Witness)	<del></del>
		e Tuko Wano:	
	ment of Witness fo		
Signed at	University of	exas at Dellas , 2005.	thi
	ay of True		
		(Signature of Tuce Vand)	<del>y</del>
			/
Statement of W	itnose (X:an	, whose full	post offic
I,	(Name of Witness)		ار کیفیات سامت
address is 270	a literature Plant 1	WE 4523 Roburdson TX 75 Withess) present and did see Yul	060 <u>V2.F</u>
State cost x	to be the	ne person named in the al	cone seria
duly execute t	he same on the date	(Signature of Withese)	
		(Signature of Withess)	<u></u>
		or Bashar Said Bou-Diab:	
Signed at			th:

- 3 **-**

7-21-2005 09:11 Stites & Harbison, PLLC Stites & Harbi

- 4 -

Υ,		, whose full p	••
<u> </u>	(Name of Witness)		
address is	(Address of		
state that		the person named in the abo	d Rou-Dia ove assign
		(mignature of Withese)	<u></u>
	· · · · · · · · · · · · · · · · · · ·	- Windoslaw Olasinski:	
Signature o	E Wladyslaw Olesiashi	or Wladyslaw Olasinski:	thi
Signature of Signed at _	E Wladyslaw Olesiaski		thi
Signature of Signed at _	of Windyslaw Olesiaski		<u> </u>
Signature of Signed at _	of Witness	(Signature of Wladyslaw Olass	inski)
Signature of Signed at _	of Wladys)aw Olesiaski	(Signature of Wladyslaw Olass	inski)
Signature of Signature of Signature of Statement of State	day of	, 2005.  (Signature of Wladyslaw Olass)	post offic

Attorney Ref. 150012-US

#### ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, whose names and full post office addresses are set out below:

<u>Name</u>	Address
Lie Qian	2700 Waterview Pkwy, Apt. 4523 Richardson, TX 75080
Yiyan Tang	USA 2200 Waterview Pkwy, apt. 1937 Richardson, TX 75080 USA
Yuke Wang	1912 Forestdale Drive Richardson, Texas 75081 USA
Bashar Said Bou-Diab	87 Fifth Avenue Ottawa, Ontario KlS 2M3 Canada
Wladyslaw Olesinski	73 Meadowbrecze Drive Kanata, Ontario KZM 2L9 Canada

do hereby sell, assign and transfer to ALCATEL, hereinafter called the assignee, whose full post office address is 54, rue La Boétie, 75008 Paris, France, and to the assignee's successors, assigns or other legal representatives, our entire right, title, interest, property and benefit for Canada, the United States of America and all other countries, in and to our invention relating to

#### FORWARDING STATE SHARING RETWEEN MULTIPLE TRAFFIC PATES IN A COMMUNICATION NETWORK

including subject matter which is fully set forth and described in my application for Letters Patent of the United States of America, for which a declaration has been signed on even date herewith;

together with our entire right, title, interest, property and benefit for Canada, the United States of America and all other countries, in and to the aforementioned applications, and any foreign applications corresponding thereto and any Letters Patent which may issue for the invention from such applications, including all divisions, continuations, continuations-inpart, re-examinations, reissues and extensions, and any rights of priority resulting from the filing of the above-identified applications under

- 2 -

international conventions, treaties or otherwise, the same to be held and enjoyed as fully and exclusively as they would have been by us had this sale, assignment and transfer not been made;

We hereby coverant and agree to do all such things and to execute without further consideration such further assurances, applications and other instruments as may reasonably be required by the assignee to obtain Letters Patent in Canada, the United States of America and all other countries, for the invention, and vest the same in the Assignee;

In witness whereof, we have hereunto signed my name on the day and year set forth below.

Signature and Statement of Witness for Lie Qian:

Signed at	
day of	, <u>2005</u> .
	(Signature of Lie Qian)
Statement of Witness	
I,	, whose full post offic
I, (Name of Witness)	<u> </u>
address is(Add	
f A.M.	dress of Witness)
	dress of Witness)
state that I was persona	ally present and did see Lie Qian w
state that I was personally known to me to	ally present and did see him than we be the person named in the above assign
state that I was persona	ally present and did see him than we be the person named in the above assign
state that I was persona personally known to me to	ally present and did see his than we be the person named in the above assign
state that I was persona personally known to me to	ally present and did see his than we be the person named in the above assigned date set forth above.
state that I was personally known to me to	ally present and did see his than we be the person named in the above assign
state that I was personally known to me to	ally present and did see his than we be the person named in the above assigned date set forth above.
state that I was personally known to me to	ally present and did see his than we be the person named in the above assigned date set forth above.
state that I was personally known to me to	ally present and did see his than we be the person named in the above assigned date set forth above.
state that I was personally known to me to	ally present and did see his than we be the person named in the above assigned date set forth above.
state that I was personally known to me to	ally present and did see his than we be the person named in the above assigned date set forth above.
state that I was personally known to me to duly execute the same on th	be the person named in the above assignment date set forth above.  [Signature of Witness]
state that I was personally known to me to	be the person named in the above assignment date set forth above.  [Signature of Witness]
state that I was persona personally known to me to duly execute the same on the	be the person named in the above assignment date set forth above.  [Signature of Witness]
state that I was personally known to me to duly execute the same on the control of witners and Statement of Witners	he the person named in the above assignment date set forth above.  [Signature of Witness]

(Signature of Yiyan Tang)

- 3 -

(Name of Witness)  address is  (Address of Witness)  state that I was personally present and did see Yiyan Tau  personally known to me to be the person named in the above a  duly execute the same on the date set forth above.  (Signature of Witness)  ture and Statement of Witness for Yuke Wang:	Statement I.		,	whose full po	st offi
state that I was personally known to me to be the person named in the above a duly execute the same on the date set forth above.  (Signature of Witness)  ture and Statement of Witness for Yuke Wang:  Signature of Tuke Wang  Signature of Tuke Wang  Signature of Tuke Wang  Signature of Tuke Wang  (Signature of Tuke Wang)  Statement of Witness  I. (Name of Witness)  address is (Address of Witness)  state that I was personally present and did see Tuke Wang  personally known to me to be the person named in the above a duly execute the same on the date set forth above.  (Signature of Witness)  ture and Statement of Witness for Bashar Said Bou-Diab:  Signature of Bashar Said Bou-Diab  Signed at DTAMA		(Name of Witnes	s)	_	
state that I was personally known to me to be the person named in the above a duly execute the same on the date set forth above.  (Signature of Witness)  ture and Statement of Witness for Yuke Weng:  Signature of Tuke Wang  Signed at  day of	address is			· <del>-</del>	
Signature of Tuke Wang Signed at  day of	personally	known to me to be	the person name	ed in the abov	<b>Tang</b> v
Signature of Tuke Wang  Signature of Tuke Wang  day of			(Signature o	f Witness)	
Signed at  day of	ture and S	ratement of Witness	for Yuke Wang:		
day of	-	<del>-</del>			th
Statement of Witness  I. (Name of Witness)  address is (Address of Witness)  state that I was personally present and did see Yuke Wan personally known to me to be the person named in the above a duly execute the same on the date set forth above.  (Signature of Witness)  cure and Statement of Witness for Bashar Said Bou-Diab:  Bignature of Bashar Said Bou-Diab  Signed at				2005.	
Statement of Witness  I. (Name of Witness)  address is (Address of Witness)  state that I was personally present and did see Yuke Wan personally known to me to be the person named in the above a duly execute the same on the date set forth above.  (Signature of Witness)  Signature of Bashar Said Bou-Diab  Signed at OTTANA			/Signature of	f Yulon Waner)	
(Name of Witness)  address is  (Address of Witness)  state that I was personally present and did see Yuke Wan personally known to me to be the person named in the above a duly execute the same on the date set forth above.  (Signature of Witness)  Signature of Bashar Said Bou-Diab:  Signed at  OTTANA					
address is  (Address of Witness)  state that I was personally present and did see Yuke Wan personally known to me to be the person named in the above a duly execute the same on the date set forth above.  (Signature of Witness)  cure and Statement of Witness for Bashar Said Bou-Diab:  Signature of Bashar Said Bou-Diab Signed at  OTTANA	Statement	of Witness			AEE8.
address is  (Address of Witness)  state that I was personally present and did see Yuke Wan personally known to me to be the person named in the above a duly execute the same on the date set forth above.  (Signature of Witness)  cure and Statement of Witness for Bashar Said Bou-Diab:  Signature of Bashar Said Bou-Diab Signed at  OTTANA	ı,	(Name of Witnes	<u>s)</u>	whose Edii po	st Olli
personally known to me to be the person named in the above a duly execute the same on the date set forth above.  (Signature of Witness)  ture and Statement of Witness for Bashar Said Bou-Diab:  Signature of Bashar Said Bou-Diab  Signed at					
personally known to me to be the person named in the above a duly execute the same on the date set forth above.  (Signature of Witness)  Cure and Statement of Witness for Bashar Said Bou-Diab:  Bignature of Bashar Said Bou-Diab  Signed at		(Address	of Witness)	aid oco Woles	Warrer to
cure and Statement of Witness for <u>Bashar Said Bou-Diab</u> :  Signature of Bashar Said Bou-Diab  Signed at	personally	known to me to be	the person name	ed in the abov	e assig
Signature of Bashar Said Bou-Diah Signed at			(Signature of	( Witness)	
Signature of Bashar Said Bou-Diah Signed at					
Signed atOTTAMA	ture and St	atemant of Witness:	for <u>Bashar S</u> aid	l_Bou-Dimb:	
			ah		_
76 day of γ1λ ሃ , 2005.					thi
	76	_ day ofMA Y_		2005	

- **4** -

Ilennie	es Arrier	, whose full post office
address is dbqAs	(Address of Witness of	nd did see Basher Bald Bow-Min Tson named in the above assign
	of Witness for Win	dyslaw Olesinski:
Signature of Wlady	TIM OTODINSKI	thi
Signed at	£	
Signed at	£	
Signed at day o	£	, <u>2005</u> .
Signed at day o day o day o attement of Witner I (	f (S. Name of Witness)  (Address of Witness)	, 2005.  Ignature of wladyslaw Olesinski)  , whose full post office (cs) and did see Wladyslaw Olesins) erson named in the above assign

Attorney Ref. 150012-US

#### ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, whose names and full post office addresses are set out below:

Name	<u>Address</u>
Lie Qian	2700 Waterview Pkwy. Apt. 4523 Richardson, TX 75080
Yiyan Tang	USA 2200 Waterview Pkwy, Apt. 1937 Richardson, TX 75080 USA
Yuke Wang	1912 Forestdale Drive Richardson, Texas 75081 USA
Bashar Said Bou-Diab	87 Fifth Avenue Ottawa, Ontario K1S 2M3 Canada
Wladyslaw Olesinski	73 Meadowbreeze Drive Kanata, Ontario K2M 2L9 Canada

do hereby sell, assign and transfer to ALCATEL, hereinafter called the assignee, whose full post office address is 54, rue La Boétie, 75008 Paris, France, and to the assignee's successors, assigns or other legal representatives, our entire right, title, interest, property and benefit for Canada, the United States of America and all other countries, in and to our invention relating to

### FORWARDING STATE SHARING BETWEEN MULTIPLE TRAFFIC PATES IN A COMMUNICATION NETWORK

including subject matter which is fully set forth and described in my application for Letters Patent of the United States of America, for which a declaration has been signed on even date herewith;

together with our entire right, title, interest, property and benefit for Canada, the United States of America and all other countries, in and to the aforementioned applications, and any foreign applications corresponding thereto and any Letters Patent which may issue for the invention from such applications, including all divisions, continuations, continuations-inpart, re-examinations, reissues and extensions, and any rights of priority resulting from the filing of the above-identified applications under

- 2 -

international conventions, treaties or otherwise, the same to be held and enjoyed as fully and exclusively as they would have been by us had this sale, assignment and transfer not been made;

We hereby covenant and agree to do all such things and to execute without further consideration such further assurances, applications and other instruments as may reasonably be required by the assignee to obtain Letters Patent in Canada, the United States of America and all other countries, for the invention, and vest the same in the Assignee;

In witness whereof, we have hereunto signed my name on the day and year set forth below.

# Signature and Statement of Witness for Lie Qian:

ds	ay of		
		(Signature of Lie Qian)	
Statement of W		, whose full post o	ffic
	Name of Witness)		
state that I	(Address of was personally prown to me to be the the same on the date s	person named in the above a	n wh seign
		(Signature of Witness)	<del></del>
	ement of Witness for	Yiyan Tang:	
ture and State		·	
Signature of 3			_thi
Signature of Signed at	Yiyan Tang		_thi

- 3 -

(Name of Witne	, whose full post office
(	
ddress is	
	of Witness)
state that I was personally	present and did see Yiyan Tang who
	fle beledt nemen in the mann assumen.
Muly execute the same on the	late set forth above.
	(Signature of Witness)
ure and Statement of Witness	s for Yuke Wang:
Signature of Yuke Wang	this
Signed at	
day of	, <u>2005</u> .
<del></del>	
	(Signature of Yoka Wang)
	-
	-
Statement of Witness	
I,(Name of With	, whose full post office
I,(Name of With	, whose full post office
I, (Name of With	ess)  g of Witness)  g of Witness and did see Yuke Wang who
I, (Name of With address is (Address state that I was personal)	, whose full post office ess) s of Witness) Ly present and did see Yuke Wang who e the person named in the above assignm
I, (Name of With address is (Address state that I was personal)	, whose full post office ess) s of Witness) Ly present and did see Yuke Wang who e the person named in the above assignm
I, (Name of With	, whose full post office ess) s of Witness) Ly present and did see Yuke Wang who e the person named in the above assignm
I, (Name of With address is (Address state that I was personal)	, whose full post office ess)  s of Witness)  ly present and did see Yuke Wang who e the person named in the above assignment of the set forth above.
I, (Name of With address is (Address state that I was personal)	, whose full post office ess) s of Witness) Ly present and did see Yuke Wang who e the person named in the above assignm
I, (Name of With address is (Address state that I was personal)	, whose full post office ess)  s of Witness)  ly present and did see Yuke Wang who e the person named in the above assignment of the set forth above.
I, (Name of With address is (Address state that I was personal)	, whose full post office ess)  s of Witness)  ly present and did see Yuke Wang who e the person named in the above assignment of the set forth above.
I, (Name of With address is (Address state that I was personal)	, whose full post office ess)  s of Witness)  ly present and did see Yuke Wang who e the person named in the above assignment of the set forth above.
I, (Name of With address is (Address state that I was personally personally known to me to be duly execute the same on the	, whose full post office ess)  s of Witness)  ly present and did see Yuke Wang who e the person named in the above assignment date set forth above.  (Signature of Witness)
I, (Name of With address is (Address state that I was personally personally known to me to be duly execute the same on the	, whose full post office ess)  s of Witness)  ly present and did see Yuke Wang who e the person named in the above assignment date set forth above.  (Signature of Witness)
(Name of With address is	whose full post office ess)  s of Witness)  ly present and did see Yuke Wang who e the person named in the above assignment of the set forth above.  (Signature of Witness)
I, (Name of With address is (Address state that I was personally personally known to me to be duly execute the same on the	, whose full post office ess)  s of Witness)  y present and did see Yuke Wang who e the person named in the above assignm date set forth above.  (Signature of Witness)  s for Bashar Said Bou-Diab: -piab
I, (Name of With address is (Address state that I was personally personally known to me to be duly execute the same on the ture and Statement of Witness signature of Bashar Said Bousigned at	whose full post office ess)  s of Witness)  Ly present and did see Yuke Wang who e the person named in the above assignment as forth above.  (Signature of Witness)  s for Bashar Said Bou-Diab: -piab this
I, (Name of With address is (Address state that I was personally personally known to me to be duly execute the same on the	whose full post office ess)  s of Witness)  Ly present and did see Yuke Wang who e the person named in the above assignment as forth above.  (Signature of Witness)  s for Bashar Said Bou-Diab: -piab this

I,		<u> </u>	-,,,,,,	l post office
	(Name of Witness)			
address is	(Address of			
	(Address of	Withess)		ne del masse main
state that I	Mag personally pres	sent and did sc	e Burnar	SEIG MOU-DIM
is parsonally	known to me to be	the person name	d in the	Spone assidu
duly execute	the same on the date	e set forth abov	ve .	
		(Signature of )	Witness)	
		(314)		
ture and Stat	ment of Witness fo	or Wladyslaw Ol	<u>esinski</u> :	
Signature of	Wladvalay Olesinski			
Signature of	Wladvalay Olesinski			this
Signature of Signed at	Wladyalaw Olesinski	OHawa_	···	this
Signature of Signed at	Wladyalaw Olesinski	Offamo .	<u> 2005</u> .	
Signature of Signed at	Wladvalay Olesinski	Offamo .	<u> 2005</u> .	<del></del> .
Signature of Signed at	Wladyalaw Olesinski	Offamo .	<u> 2005</u> .	<del></del> .
Signature of Signed at	Wladyalaw Olesinski	Offamo .	<u> 2005</u> .	this
Signature of Signed at	Wladyalaw Olesinski	OHawa_	<u> 2005</u> .	
Signatura of Signed at	Madyalaw Oleeinski	Olamo Ulady el	2005. Olus	ridi (
Signature of Signed at	Witness.	Offamo Whole of	2005. Olus	ridi (
Signature of Signed at	Witness.	Offamo Whole of	2005. Olus	ritif
Signature of Signed at	Witness (Name of Witness)	Offguo Wady St	2005.  Old Old Jackyslaw Co	lectroni; lectroni; l post office
Signature of Signed at	Witness (Name of Witness)	Offguo Wady St	2005.  Old Old Jackyslaw Co	lectroni; lectroni; l post office
Signatura of Signed at  Signed at  Signed at  ALL  ALL  ALL  Address is	Witness (Name of Witness)  A MAA-OULREEDE	Offque Under St (Signature DE)	2005.  Old Old Subsection  OM KOM	locinosi)  1 post office
Signatura of Signed at  Signed at  Signatura of  I, MACDALE  address is	Witness  Witness  (Name of Witness)  (Name (Address of	Offque (Signature FE)	2005.  Oli Oli J  whose full  OM KDM	legineri)  1 post office  2/8
Signatura of Signed at  Signed at  Signatura of  I, MACDALE  address is	Witness  Witness  (Name of Witness)  (Name (Address of	Offque (Signature FE)	2005.  Oli Oli J  whose full  OM KDM	leginski)  1 post office  2/8
Signature of Signed at	Witness  Witness  Witness  Witness  When of Witness  Was personally presented by	Olambure property of the person fiance	whose full  ON KOM  ee Wladys  ed in the	legineri)  1 post office  2/8
Signature of Signed at	Witness  Witness  (Name of Witness)  (Name (Address of	Olambure property of the person fiance	whose full on KDM ee Wladys do in the	legineri)  1 post office  2/8

7327252613 60:30 2002/1E/20

PAGE (