Form PTO-1595 (Rev. 09/04) OMB No. 0654-0027 (exo. 6/30/2)05)  10/30/06  RECO	U.S. DEPARTMENT OF COMMERCE ed States Patent and Trademark Office  3331402  e record the attached documents or the new address(es) below.  2. Name and address of receiving party(ies)  Name: Alcatel  Internal Address:  Street Address: 54, rue La Boetie
Additional name(s) of conveying party(ies) attached? Yes No. Nature of conveyance:	
Assignment	City: Paris  State:  Country: France  Zip: 75008  Additional name(s) & address(es) attached?  Yes  No document is being filed together with a new application.  B. Patent No.(s)
5. Name and address to whom correspondence concerning document should be mailed:  Name: Arnold B. Silveman  Internal Address: Eckert Seamans Cherin &  Mellott, LLC  Street Address: 600 Grant Street, 44th Floor	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
City: Pittsburgh  State: PA Zip: 15219  Phone Number: 412-566-8000  Fax Number: 412-568-6099  Email Address: ipmail@eckertseamans.com  9. Signature:	a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number 02-2556  Authorized User Name Arnold B. Silverman  October 30, 2006
Arnold B. Silverman, Reg. No. 22,614  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

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 1460, Alexandria, V.A. 22313-1450

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U.S. Application No. 11/264,475

Conveying Parties (cont.)

- (6) Guy Landry
- (7) Bart Joseph Gerard Pauwels
- (8) Ronny Jozef Leon Peeters
- (9) Kocn Hooghe

(6) 01/24/2006; (7) 02/24/2006; (8) 03/03/2006

Execution Date(s): (2) 02/24/2006

PATENT

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PATENT	S ONLY
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1. Name of conveying party(iee)/Execution Date(s):  (1) Bakri Aboukar  (2) Arkin Aydin  (3) Mary Arm Condie  (4) Wilfred Sullivan	Name and address of receiving party(ies)     Name: Alous     Internal Address:
(5) Andrew Gordon Tomleon (1) overseme (5) bibbook (5) oversee;  Execution Date(s) (1) oversee (6) oversee  Additional name(s) of conveying party(les) attached?  Yes V No	Street Address: 64, rue La Bostie
3. Nature of conveyance:  Assignment Merger	City: Paris
Security Agreement Change of Name Government Interest Assignment Executive Order 9424, Confirmatory License	State:  Cauntry: France Zip: 75008
Other	, \ddffone name(s) & address(es) attached? ☐ Yes ☑ No
4. Application or patent number(s): This  A. Patent Application No.(R)  11/264,475  Additional numbers at	document is being filed together with a new application.  B. Petent No.(s)  builted? Tas No.
5. Name and address to whom correspondence concerning document should be mailed:	(i. Total number of applications and patents involved:
Name: Arrold B. Stivermen	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Eskert Seamens Cherin & Mellott, LLC Street Address; 600 Grant Street, 44th Floor	Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
City: Fitsburgh	3. Payment Information
State: PA Zip: 18219	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: 412-566-6000  Fax Number: 412-566-6000	b. Deposit Account Number 122-2559
Email Address: pmail@eckerseamans.com	Authorized User Name Amod B. Stverman
9. Signature: Signature	March 6, 2005 Date
Arnold 3, Stiverman, Reg. No. 22,614 Name of Person Signing	Total number of pages broketing cover attest, attachments, and documents;

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## 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 Address

Bakri Aboukarr 35 Inverary Drive

Kanata, Ontario, K2K 2R8

Canada

Arkin Aydin #303-218 Viewmount Drive

Nepean, Ontario, KZE 7X5

Canada

Mary Ann Condie 18 Grengold Way

Ranata, Cotario, K2T 1E2

Canada

Wilfred Sullivan 19 Rosenfeld Crescent

Ottawa, Ontario, KZK 2L2

Canada

Andrew Gordon Tomilson 10 Sunny Brae Avenue

Nepean, Ontario, K2H 8H4

Canada

Guy Landry 58 Helmsdale Drive

Kanata, Ontario, K2K 294

لعقمهم

Bart Joseph Gerard Pauwels Beal 99

E-3980 Tessenderlo

Bolgium

Ronny Jozef Leon Paeters Kempenlandstraat 67

2660 Hoboken

Pelgium

Koen Hooghe Klokstraat 13 2600 Berchem

Autwerpen, Belgium

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

- 2 -

## DISTRIBUTED COMMUNICATION EQUIPMENT ARCHITECTURES AND TECHNIQUES

including subject matter which is fully set forth and described in our application for Latters Patent of the United States of America filed as Unites States Patent Application No. 11/264,475 on November 1, 2005, for which a declaration has been signed by each inventor 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-in-part, re-examinations, reissues and extensions, and any rights of priority resulting from the filing of the above-identified applications under 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 our names on the day and year set forth below.

## Signature and Statement of Witness for Bakri Aboukarr:

Signed at OHawa  23 cd day of Tanuary	, this
8	re of Bakri Shookarr)
Statement of Witness  I. MAKINE RAYCROFT  address is Fisher Dr. Am Olion, Onderic state that I was personally present and opersonally known to me to be the person r duly execute the same on the date set forth	did see Bairi Aboukerr who i
Mari Signardira	of Mitney

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Signatu	bas er	Statement	o£	Witness	for	Arkin Aydi	D:
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	Statement of Witness	441
	I. MAXINE RAYCROFT	, whose full post office
	address is 7 SHEA DRIVE ALIA	WE ONTHUR KTS36B, CHANTON
	state that I was personally breach	It awd did 200 Milliag antiias and to
	personally known to me to be the	person named in the above assignment,
	duly execute the same on the date s	et forth above.
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		Warren Kleinen III
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	Signature of Andrew Gordon Tomilson	
	Signed at Offawa	this
	23 day of January	,2006.
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	address is 7 SCHEEL DE ARNOE	TOR CHARGO, KISSOO, CHARASTA
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		to be the person named in the above
	assignment, duly execute the same of	on the date set forth above.
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		Signature of Witness
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Bigna	ture and Statement of Witness for	Guy Landry:
	Signature of Guy Landry	
	Signed at OffAWA	, this
	24 day of Jou	,2006.
		Lu Condu
		(Signature of Guy Landry)
	Chairmann and Wilesaud	
	Statement of Witness	
	I. MAKINE RAYCROPT	. whose full post office
	address is 7 SHOW DRIVE, ARV	PLIOR, DOYARIO, KESSES, CHNADA.
	state that I was personally pie	sent and did see Guy Landry who is
	personally known to me to be the	person named in the above assignment.
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	Signature of Bart Joseph Gerard Nauwels	
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Signa	pature and Statement of Witness for Rommy Jozef Leon Pasters:	
	Signature of Ronny Jozef Leon Felitars	
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Statement of Witness	
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