

11-03-2006

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

10/30/06

RECO



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*CORRECTIVE*

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

- (1) Bakri Aboukarr
- (2) Arkin Aydin
- (3) Mary Ann Condie
- (4) Wilfred Sullivan
- (5) Andrew Gordon Tomilson

(1) 01/23/2005; (2) 01/23/2006; (3) 01/24/2006;  
(4) 01/25/2005; (5) 01/23/2006

Execution Date(s)

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other Corrected Assignment - Reel 017307, Frame 0362

2. Name and address of receiving party(ies)

Name: Alcatel

Internal Address: \_\_\_\_\_

Street Address: 54, rue La Boetie

City: Paris

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

Country: France Zip: 75008

Additional name(s) & address(es) attached?  Yes  No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s) TO ADD ASSIGNORS.  
11/264,475

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Arnold B. Silverman

Internal Address: Eckert Seamans Charin & Mellott, LLC

Street Address: 600 Grant Street, 44th Floor

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-566-8000

Fax Number: 412-566-8099

Email Address: ipmail@eckertseamans.com

6. Total number of applications and patents involved:

1

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 *OWARE FEE*
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 02-2556

Authorized User Name Arnold B. Silverman

9. Signature:

*Arnold B. Silverman*  
Signature

October 30, 2006

Date

Arnold B. Silverman, Reg. No. 22,614

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

15

Documents to be recorded (including cover sheet) should be faxed to (703) 306-6995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1450

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

Conveying Parties (cont.)

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

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

Execution Date(s): 02/24/2006

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700248:266

Form PTO-1595 (Rev. 09/04)  
OMB No. 0851-0027 (exp. 6/30/2008)

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

### RECORDATION FORM COVER SHEET PATENTS ONLY

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**1. Name of conveying party(ies)/Execution Date(s):**

- (1) Bakri Aboutour
- (2) Arkin Aydin
- (3) Mary Ann Condie
- (4) Wilfred Sullivan
- (5) Andrew Gordon Tomlinson

Execution Date(s) (1) 01/23/2006; (2) 01/23/2006; (3) 01/24/2006;  
(4) 01/25/2006; (5) 01/25/2006

Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 8424, Confirmatory License
- Other

**2. Name and address of receiving party(ies)**

Name: Aoral

Internal Address: \_\_\_\_\_

Street Address: 56, rue La Boetie

City: Paris

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

Country: France Zip: 75008

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)  
11/284,475

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Arnold B. Silverman

Internal Address: Eckert Seamans Cherin & Mellott, LLC

Street Address: 600 Grant Street, 44th Floor

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-586-6000

Fax Number: 412-586-6000

Email Address: ipmail@eckertseamans.com

**6. Total number of applications and patents involved:**

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**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)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 02-2559

Authorized User Name Arnold B. Silverman

**9. Signature:**

Arnold B. Silverman  
Signature

March 6, 2006  
Date

Date

Arnold B. Silverman, Reg. No. 22,814

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) may be filed to (703) 306-6895, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1480, Alexandria, V.A. 22313-1450

CGH 5-10 00 022506 11284475

## A S S I G N M E N T

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>	<u>Address</u>
Bakri Aboukarr	35 Inverary Drive Kanata, Ontario, K2K 2R8 Canada
Arkin Aydin	#303-218 Viewmount Drive Nepean, Ontario, K2E 7X5 Canada
Mary Ann Condie	18 Grengold Way Kanata, Ontario, K2T 1E2 Canada
Wilfred Sullivan	19 Rosenfeld Crescent Ottawa, Ontario, K2K 2L2 Canada
Andrew Gordon Tomilson	10 Sunny Brae Avenue Nepean, Ontario, K2H 8H4 Canada
Guy Landry	58 Helmsdale Drive Kanata, Ontario, K2K 2R4 Canada
Bart Joseph Gerard Pauwels	Haal 99 E-3980 Tessenderlo Belgium
Ronny Jozef Leon Paeters	Keupenlandstraat 67 2660 Hoboken Belgium
Koen Hooghe	Klokstraat 13 2600 Berchem Antwerpen, 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 Letters Patent of the United States of America filed as United 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:**

Signature of Bakri Aboukarr

Signed at Ottawa, this  
23rd day of January, 2006.  
(Signature of Bakri Aboukarr)

Statement of Witness

I, MAKNE RAYCROFT, whose full post office  
address is 7 Scheel Dr. Ancaster, Ontario, K7S 3G8, CANADA  
state that I was personally present and did see Bakri Aboukarr who is  
personally known to me to be the person named in the above assignment,  
duly execute the same on the date set forth above.  
Signature of Witness

**Signature and Statement of Witness for Arkin Aydin:**

Signature of Arkin Aydin  
 Signed at Ottawa, this 23<sup>rd</sup> day of January, 2006.  
 \_\_\_\_\_  
 (Signature of Arkin Aydin)

Statement of Witness  
 I, MAXINE RAYCROFT, whose full post office address is 7 School Dr, Ancaster, Ontario, K7S 3G8, Canada state that I was personally present and did see Arkin Aydin who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above.

\_\_\_\_\_  
 (Signature of Witness)

**Signature and Statement of Witness for Mary Ann Condie:**

Signature of Mary Ann Condie  
 Signed at Ottawa, this 24<sup>th</sup> day of January, 2006.  
 \_\_\_\_\_  
 (Signature of Mary Ann Condie)

Statement of Witness  
 I, MAXINE RAYCROFT, whose full post office address is 7 School Dr, Ancaster, Ontario, K7S 3G8, Canada state that I was personally present and did see Mary Ann Condie who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above.

\_\_\_\_\_  
 (Signature of Witness)

**Signature and Statement of Witness for Wilfred Sullivan:**

Signature of Wilfred Sullivan  
 Signed at OTTAWA, this 25 day of January, 2006.  
 \_\_\_\_\_  
 (Signature of Wilfred Sullivan)

Statement of Witness

I, MAXINE RAYCROFT, whose full post office address is 7 SCHOOL DRIVE ARBORIC, ONTARIO, K7S3G8, CANADA state that I was personally present and did see Wilfred Sullivan who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above.

Maxine Raycroft  
Signature of Witness

Signature and Statement of Witness for Andrew Gordon Tomilson:

Signature of Andrew Gordon Tomilson

Signed at Ottawa, this 23 day of January, 2006.

Andrew Gordon Tomilson  
(Signature of Andrew Gordon Tomilson)

Statement of Witness

I, MAXINE RAYCROFT, whose full post office address is 7 SCHOOL DRIVE ARBORIC, ONTARIO, K7S3G8, CANADA state that I was personally present and did see Andrew Gordon Tomilson who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above.

Maxine Raycroft  
Signature of Witness

Signature and Statement of Witness for Guy Landry:

Signature of Guy Landry

Signed at Ottawa, this 24 day of January, 2006.

Guy Landry  
(Signature of Guy Landry)

Statement of Witness

I, MAXINE RAYCROFT, whose full post office address is 7 SCHOOL DRIVE ARBORIC, ONTARIO, K7S3G8, CANADA state that I was personally present and did see Guy Landry who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above.

Maxine Raycroft  
Signature of Witness

**Signature and Statement of Witness for Bart Joseph Gerard Pauwels:**

Signature of Bart Joseph Gerard Pauwels

Signed at Antwerp, Belgium, this  
14 day of February, 2006.

Bart Pauwels  
(Signature of Bart Joseph Gerard Pauwels)

**Statement of Witness**

I, Pascal De Maessene, whose full post office address is W. van der Meulen, 21, 2018 Antwerpen, Belgium state that I was personally present and did see Bart Joseph Gerard Pauwels who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above.

Pascal De Maessene  
Signature of Witness

**Signature and Statement of Witness for Romy Jozef Leon Peeters:**

Signature of Romy Jozef Leon Peeters

Signed at Antwerpen, Belgium, this  
3 day of March, 2006.

Romy Jozef Leon Peeters  
(Signature of Romy Jozef Leon Peeters)

**Statement of Witness**

I, PAUWELS LUDWIG, whose full post office address is LEVEREN 13, 9100 BEVEREN BELGIUM state that I was personally present and did see Romy Jozef Leon Peeters who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above.

Ludwig Pauwels  
Signature of Witness

**Signature and Statement of Witness for Koen Hooghe:**

Signature of Koen Hooghe

Signed at Antwerp, Belgium, this  
24 day of February, 2006.

Koen Hooghe  
(Signature of Koen Hooghe)



Statement of Witness

I, Kees Stenckx, whose full post office address is Panzenstraat 11/272, Leuven, Belgium state that I was personally present and did see Koan Eoghe who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above.

Kees Stenckx  
Signature of Witness