

12-01-2006



103343288

To the Director of the U.S. Patent and Trademark Office: Please record

documents or the new address(es) below.

**1. Name of conveying party(ies)**

1) Charles Michael Storry, 2) Frank Desseyn, 3) Robert W. MacIntosh

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 1) 11/23/06, 2) 11/22/06, 3) 11/24/06

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

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

Name: ALCATEL

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

Street Address: 54 rue la Boétie

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)

B. Patent No.(s)

11/29/2006 MWOLDGE1 00000030 11604724

04 FC:0021

(40.00 OP)

Additional numbers attached? ☐ Yes ☒ No

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

Name: KRAMER & AMADO, P.C.

Internal Address: Suite 240

Street Address: 1725 Duke Street

City: Alexandria

State: VA Zip: 22314

Phone Number: 703-519-9801

Fax Number: 703-519-9802

Email Address: \_\_\_\_\_

**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)

**8. Payment Information**

a. Credit Card Last 4 Numbers 4686  
Expiration Date 08/08

b. Deposit Account Number 50-0578

Authorized User Name Terry Kramer

**9. Signature:**

Terry W. Kramer  
Signature

November 28, 2006  
Date

Terry W. Kramer, Reg. No. 41,541  
Name of Person Signing

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

7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

**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>
Charles Michael Storry	4180 Rideau River Road Kemptville, Ontario, K0G 1J0 Canada
Frank Desseyn	Oudenaardseweg 57 B-9790 Wortegem-Petegem Belgium
Robert W. MacIntosh	110 Covered Bridge Way Carp, Ontario, K0A 1L0 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

**METHOD AND APPARATUS FOR IMPROVED IGMP GROUP MEMBERSHIP MESSAGING**

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-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 my name on the day and year set forth below.

**Signature and Statement of Witness for Charles Michael Storry:**

**Signature of Charles Michael Storry**

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

  
(Signature of Charles Michael Storry)

**Statement of Witness**

I, MAXINE RAYCROFT, whose full post office  
(Name of Witness)

address is 7 SCHER DRIVE ARAPRIOR, ONTARIO, K7S3G8, CANADA  
(Address of Witness)

state that I was personally present and did see Charles Michael Storry 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 Frank Desseyn:**

**Signature of Frank Desseyn**

Signed at \_\_\_\_\_ this  
\_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
(Signature of Frank Desseyn)

**Statement of Witness**

I, \_\_\_\_\_, whose full post office  
(Name of Witness)  
address is \_\_\_\_\_  
(Address of Witness)

state that I was personally present and did see **Frank Desseyn** 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 Robert W. MacIntosh:**

**Signature of Robert W. MacIntosh**

Signed at OTTAWA, this  
24 day of NOVEMBER, 2006.

\_\_\_\_\_  
(Signature of Robert W. MacIntosh)

**Statement of Witness**

I, MAXINE RAYCROFT, whose full post office  
(Name of Witness)  
address is 7 SCHEEL DRIVE, ARNPRIOR, ONTARIO, K7S3G8, CANADA  
(Address of Witness)

state that I was personally present and did see **Robert W. MacIntosh** 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)

Attorney Ref.

**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>
Charles Michael Storry	4180 Rideau River Road Kemptville, Ontario, K0G 1J0 Canada
Frank Desseyn	Oudenaardseweg 57 B-9790 Wortegem-Petegem Belgium
Robert W. MacIntosh	110 Covered Bridge Way Carp, Ontario, K0A 1L0 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

**METHOD AND APPARATUS FOR IMPROVED ICMP GROUP MEMBERSHIP MESSAGING**

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-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;

- 2 -

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 Charles Michael Storry:**

Signature of Charles Michael Storry

Signed at \_\_\_\_\_, this  
\_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
(Signature of Charles Michael Storry)

**Statement of Witness**

I, \_\_\_\_\_, whose full post office  
(Name of Witness)  
address is \_\_\_\_\_  
(Address of Witness)

state that I was personally present and did see Charles Michael Storry 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 Frank Desseyn:**

Signature of Frank Desseyn

Signed at WORTEGEM - PETEGEM (BELGIUM) this  
22 day of NOVEMBER, 2006.

\_\_\_\_\_  
(Signature of Frank Desseyn)

- 3 -

## Statement of Witness

I, Ronny Peeters, whose full post office  
(Name of Witness)  
address is Kempenlandstraat 67, 2660 Hoboken  
(Address of Witness)

state that I was personally present and did see Frank Desseyn 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 Robert W. MacIntosh:

Signature of Robert W. MacIntosh

Signed at \_\_\_\_\_, this  
\_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
(Signature of Robert W. MacIntosh)

## Statement of Witness

I, \_\_\_\_\_, whose full post office  
(Name of Witness)  
address is \_\_\_\_\_  
(Address of Witness)

state that I was personally present and did see Robert W. MacIntosh 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)

PATENT

RECORDED: 11/28/2006

REEL: 018641 FRAME: 0251