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To the Director of the U.S. Patent and Trade...

...ents or the new address(es) below.

1. Name of conveying party(ies)

James Wisener, Adrian Grah

2. Name and address of receiving party(ies)

Name: ALCATEL LUCENT

Internal Address: _____

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

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

Execution Date(s) February 5 and February 6, 2007

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

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)
02/07/2007 55171181 00000013 11702554

B. Patent No.(s)

05 F:8021

40.00 DP

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 1009
Expiration Date 12/10

b. Deposit Account Number 50-0578

Authorized User Name Terry W. Kramer

9. Signature:

Terry W. Kramer
Signature

February 6, 2007
Date

Terry W. Kramer
Name of Person Signing

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

3

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PATENT
REEL: 018963 FRAME: 0516

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>
James Wisener	117 King George Street Ottawa, Ontario, K1K 1V2 Canada
Adrian Grah	84 Gowrie Drive Kanata, Ontario, K2L 2S5 Canada

do hereby sell, assign and transfer to **ALCATEL LUCENT**, 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

**SYSTEM AND METHOD OF FAST ADAPTIVE TCAM SORTING FOR IP LONGEST PREFIX
MATCHING**

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 James Wisener:

Signature of James Wisener

Signed at OTTAWA this
6 day of Feb, 2006. 7 JW


(Signature of James Wisener)

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)

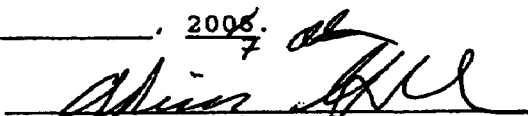
state that I was personally present and did see James Wisener who is personally known to me to be the person named in the above assignment, duly execute the same on the date set forth above.


(Signature of Witness)

Signature and Statement of Witness for Adrian Grah:

Signature of Adrian Grah

Signed at Ottawa this
5 day of Feb., 2006. AG

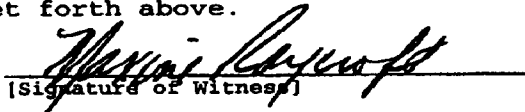

(Signature of Adrian Grah)

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 Adrian Grah 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)