



06/23/2011

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

Bulin Zhang (04/05/2011) and Philip Lamoureux  
(04/05/2011)

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

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

Execution Date(s): in parentheses after inventor name

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

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

Name: Alcatel-Lucent USA Inc.

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

Street Address: \_\_\_\_\_

600-700 Mountain Avenue

City: Murray Hill

State: New Jersey

Country: United States of America Zip: 07974

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

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

A. Patent Application No.(s)  
13/081,902

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gary D. Yacura  
HARNES, DICKEY & PIERCE, P.L.C.

Internal Address: Atty. Dkt.: 29250-002531/US

Street Address: 11730 Plaza America Dr.,  
Suite 600

City: Reston

State: VA Zip: 20190

Phone Number: (703) 668-8000

Fax Number: (703) 668-8200

Email Address: dcmailroom@hdp.com

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

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** \_\_\_\_\_

- ☐ Authorized to be charged to deposit account  
☐ Enclosed  
☒ Previously Paid

**8. Payment Information**

Deposit Account Number 08-0750

Authorized User Name Gary D. Yacura

**9. Signature:**

Signature

June 17, 2011

Date

Gary D. Yacura - 35,416  
Name of Person Signing

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

4

TO: GARY D. YACURA COMPANY: HARNES, DICKEY &amp; PIERCE, P.L.C.

From: Harness Dickey 703-668-8200

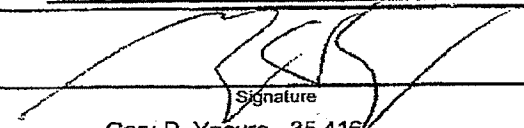
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Date: 4/7/2011 3:53:01 PM

04/07/2011  
700460272Form PTO-1595 (Rev. 01-09)  
OMB No. 0551-0027 (exp. 02/28/2009)U.S. DEPARTMENT OF COMMERCE  
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<b>1. Name of conveying party(ies):</b> Bulin Zhang (04/05/2011) and Philip Lamoureux (04/05/2011)  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies)</b> Name: <u>Alcatel-Lucent USA Inc.</u>  Internal Address: _____ Street Address: <u>600-700 Mountain Avenue</u>  City: <u>Murray Hill</u> State: <u>New Jersey</u> Country: <u>United States of America</u> Zip: <u>07974</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s): in parentheses after inventor name <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____		<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>13/081,902</u> B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Gary D. Yacura</u> <u>HARNES, DICKEY &amp; PIERCE, P.L.C.</u> Internal Address: Atty. Dkt.: 29250-002531/US Street Address: _____  City: _____ State: _____ Zip: _____ Phone Number: <u>(703) 668-8000</u> Fax Number: <u>(703) 668-8200</u> Email Address: <u>dcmailroom@hdp.com</u>		<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u>  <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)  <b>8. Payment Information</b> Deposit Account Number <u>08-0750</u> Authorized User Name <u>Gary D. Yacura</u>	
<b>9. Signature:</b>  Signature <u>Gary D. Yacura - 35,416</u> Name of Person Signing		Date <u>April 7, 2011</u> Total number of pages including cover sheet, attachments, and documents: <u>4</u>	

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TO: GARY D. YACURA COMPANY: HARNES, DICKEY &amp; PIERCE, P.L.

From: Harness Dickey 703-668-8200

To: 915712730140

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Date: 4/7/2011 3:53:01 PM

Attorney Docket No. 29250-002531/US  
Alcatel-Lucent Ref. No.: 806473-US-NP

### ASSIGNMENT AND AGREEMENT

For value received, we, Bulin ZHANG of Branchburg in County of Somerset and State of New Jersey, and Philip LAMOUREUX, of Succasunna in County of Morris and State of New Jersey, hereby sell, assign and transfer to Alcatel-Lucent USA Inc., a corporation of the State of Delaware, having an office at 600-700 Mountain Avenue, Murray Hill, NJ 07974, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to METHOD OF PROVIDING HAND-OFF HYSTERESIS FOR SUBNET BORDERS described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Alcatel-Lucent USA Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Alcatel-Lucent USA Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Alcatel-Lucent USA Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Alcatel-Lucent USA Inc. in the United States and in all countries foreign to the United States, or to such nominees as Alcatel-Lucent USA Inc. may designate.

We agree that, when requested, we shall, without charge to Alcatel-Lucent USA Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

TO: GARY D. YACURA COMPANY: HARNES, DICKEY &amp; PIERCE, P.L.

From: Harness Dickey 703-668-8200

To: 915712730140


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Date: 4/7/2011 3:53:02 PM

Attorney Docket No. 29250-002531/US  
Alcatel-Lucent Ref. No.: 806473-US-NP

Date:

4-5/11

  
Bulin ZHANG

United States of America )

State of

New Jersey

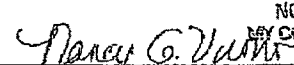
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County of

Morris

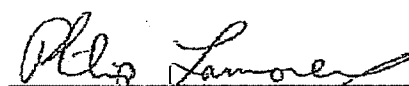
)

On this 5<sup>th</sup> day of April, 2011, before me personally came Bulin Zhang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

NANCY G. VUONO  
NOTARY PUBLIC OF NEW JERSEY  
MY COMMISSION EXPIRES DEC. 28, 2012  
Notary Public

Date:

4-5-11

  
Philip LAMOUREUX

United States of America )

State of

New Jersey

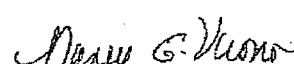
) ss.:

County of

Morris

)

On this 5<sup>th</sup> day of April, 2011, before me personally came Philip Lamoureux, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary PublicNANCY G. VUONO  
NOTARY PUBLIC OF NEW JERSEY  
MY COMMISSION EXPIRES DEC. 28, 2012

2

(HDP - From: ALCATEL-LUCENT Page: 4/6 Date: 4/5/2011 3:13:01 PM)

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PATENT  
REEL: 026568 FRAME: 0031

O:GARY D. YACURA COMPANY: HARNES, DICKEY &amp; PIERCE, P.L.

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ALCATEL-LUCENT  
ALCATEL-LUCENT No. 29250-002531/US  
ALCATEL-LUCENT Ref. No. 806473-US-IP

Alcatel-Lucent USA Inc.  
500 Mountain Avenue (Room 3C-512)  
P.O. Box 656  
Murray Hill, New Jersey 07974-0656

(HDP - From: ALCATEL-LUCENT Page: 5/5 Date: 4/5/2011 3:13:01 PM)

(HDP - From: USPTO Page: 6/7 Date: 5/25/2011 7:56:18 PM)

PATENT

RECORDED: 06/17/2011

REEL: 026568 FRAME: 0032