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U.S. PTO 12/000961 12/19/2007

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Kajal Saha	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) December 19, 2007 Accidentation	Street Address: <u>54, rue La Boetie</u>
✓ Assignment	City: Paris
Security Agreement Change of Name	City. Falls
Joint Research Agreement	State:
Government Interest Assignment	Country: France Zip: 75008
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Other	Additional name(s) & address(es) attached? Yes V No
4. Application or patent number(s):	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: 6. Total number of applications and patents involved: 1	
Name:KRAMER & AMADO, P.C.	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00
Internal Address: Suite 240	Authorized to be charged by credit card
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9. Signature: Terry W. Mame	85 FC:8821 Date 19,30,00
Signature Terry W. Kramer Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 3 2) 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

PATENT REEL: 020318 FRAME: 0830

Attorney Ref.: ALC 3327

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

Kajal Saha

174 Windhurst Drive Ottawa, ON, K2G 6J4

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

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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

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from such applications, including all divisions, continuations, continuations-inpart, reexaminations, 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 consideration such 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 Kajal Saha:

Signature of Kajal Saha

Signed at OTTAWA

. this

19th day of DECEMBER

1

2007.

(Signature of Kajal Saha)

Statement of Witness

I, Maxine Raycroft, whose full post office address is 7 Scheel Drive, Amprior, Ontario, K7S

3G8, Canada, state that I was personally present and did see Kajal Saha 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.

Set forth above.

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RECORDED: 12/19/2007