Form PTO 1595 (Rev. 03-11)
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11/09/2012



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

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To the Director of the U.S. Patent and `L. Someth Chice: Flease record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
	Name:Coltera, LLC
NEC Corporation	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	
3. Nature of conveyance/Execution Date(s):	Street Address: 243 N. Bald Mountain Dr.
Execution Date(s)	Otroot/Iddicoo. 210 W. Bald Modifican Br.
	Cíty: Alpine
Security Agreement Change of Name	
Joint Research Agreement	State: Utah
Government Interest Assignment	Country:Zip:
Executive Order 9424, Confirmatory License	
Other 4. Application or patent number(s): This	Additional name(s) & address(es) attached? Yes No document is being filed together with a new application.
A. Patent Application No.(s)	USP 7,346,547
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:Jordan C. Powell	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00
Internal Address:	7. Total lee (37 Cl 1 (1,21(li) & 3.41) \(\psi_{=40.00}\)
	Authorized to be charged to deposit account
Connect Address (ASA) North Manustria De	Enclosed
Street Address: 243 N. Bald Mountain Dr.	None required (government interest not affecting title)
City: Alpine	8. Payment Information
State:Utah Zip: 84004	
	· · ·
Phone Number: 1-801-885-3708	Deposit Account Number
Docket Number: Colt Pur #9	11/13/2812 TLEE11 90099912 7346547 Authorized User Name
Email Address: jordan@jcpowell/pat	01 FC:8021 40.AA 0
9. Signature: Signature	Oct 79 12 /
· · · · · · · · · · · · · · · · · · ·	Total number of pages including sever
Jordan C. Powell Name of Person Signing	sheet, attachments, and documents:
Documents to be recorded (including cover shee	et) should be faxed to (571) 273-0140, or mailed to: of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 029351 FRAME: 0236

Assignment

Whereas, NEC Corporation, a Japanese corporation, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan, hereinafter called Assignor, is the owner and assignee of record of the patents listed on the attached Schedule A; and

Whereas, Coltera, LLC, a U.S. corporation, having a place of business at 243 N. Bald Mountain Dr., Alpine, Utah, USA, hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said patents listed on the attached Schedule A;

Now therefore, for good and valuable consideration paid to the Assignor, the receipt and sufficiency whereof is hereby acknowledged;

Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, the entire right, title and interest, including rights to recover for past infringement and the right to sue for and collect damages, in the patents listed on the attached Schedule A;

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

NEC Corporation

Date: October 23, 2012

Name: Tatsuya Oishi Title: General Manager

Intellectual Property Development

Promotion Division

Witness:

Date: October 23, 2012

Gaskinden Matsunto

PATENT REEL: 029351 FRAME: 0237

Schedule A

US Patents

 Issue Date
 Filing Date

 Patent No.
 (Y.M.D)
 Serial No.
 (Y.M.D)

 7346547
 2008.03.18
 09/947,706
 2001/09.07

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PATENT REEL: 029351 FRAME: 0238

RECORDED: 11/05/2012