

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																						
NATURE OF CONVEYANCE:	ASSIGNMENT																						
CONVEYING PARTY DATA																							
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Application Number:	13377730																						
CORRESPONDENCE DATA																							
Fax Number:	(202)293-7860																						
Phone:	202-293-7060																						
Email:	sughrue@sughrue.com, cmerino@sughrue.com																						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																							
Correspondent Name:	Sughrue Mion PLLC																						

OP \$40.00 13377730

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Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037

ATTORNEY DOCKET NUMBER:	Q127929
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NAME OF SUBMITTER:	Catherine C. Merino, New Apps Specialist
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Total Attachments: 3 source=Q127929_Q127929_Assignment#page1.tif source=Q127929_Q127929_Assignment#page2.tif source=Q127929_Q127929_Assignment#page3.tif

For Non-U.S. Clients

Assignment

Whereas, I/We, Osamu KUROKAWA, Kazuki EGUCHI, Naoki YOSHIDA,
Shunsuke YOKOUCHI, Toru SHIIBA, Tomiharu HAMAGUCHI, Yasuyuki UEDA,
Yasuhiro WATANABE, Hiroaki AKIYAMA and Takayuki KIDO,
all of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
COMMUNICATION SYSTEM AND APPARATUS FOR PROVIDING SUPPLEMENTARY
SERVICE IN FEMTO CELL

and executed an application for Letters Patent of the United States of America therefor on
June 22, 2012; and

Whereas,

NEC CORPORATION7-1, Shiba 5-chome, Minato-ku,Tokyo 108-8001 Japan

(assignee), desires to acquire the entire right, title, and interest in the application and
invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named
assignee, its successors and assigns, the entire right, title and interest in the application and the
invention disclosed therein for the United States of America, including the right to claim priority
under 35 U.S.C. §119, and I/we request the Director - U.S. Patent and Trademark Office to issue
any Letters Patent granted upon the invention set forth in the application to the assignee, its
successors and assigns; and I/we will execute without further consideration all papers deemed
necessary by the assignee in connection with the United States application when called upon to
do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses
(Application number 13/377,730 and Confirmation number
5195, filed December 12, 2011) the filing date
and application number of said application when known.

Date: June 22, 2012s/ Osamu KUROKAWADate: June 22, 2012s/ Kazuki EGUCHIDate: June 22, 2012s/ Naoki YOSHIDA

Date:

s/ Shunsuke YOKOUCHIDate: June 22, 2012s/ Toru SHIIBADate: June 22, 2012s/ Tomiharu HAMAGUCHI**PATENT****REEL: 028546 FRAME: 0245**

For Non-U.S. Clients

Assignment

Whereas, I/We, Osamu KUROKAWA, Kazuki EGUCHI, Naoki YOSHIDA,
Shunsuke YOKOUCHI, Toru SHIIBA, Tomiharu HAMAGUCHI, Yasuyuki UEDA,
Yasuhiro WATANABE, Hiroaki AKIYAMA and Takayuki KIDO, x8
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Date:

s/ Osamu KUROKAWA

Date:

s/ Kazuki EGUCHI

Date:

s/ Naoki YOSHIDADate: June 22, 2012s/ Shunsuke YOKOUCHI

Date:

s/ Toru SHIIBA

Date:

s/ Tomiharu HAMAGUCHI**PATENT****REEL: 028546 FRAME: 0246**

Date: June 22, 2012

s/ Yasuyuki UEDA

Yasuyuki UedaDate: June 22, 2012

s/ Yasuhiro WATANABE

Yasuhiro WatanabeDate: June 22, 2012

s/ Hiroaki AKIYAMA

Hiroaki AkiyamaDate: June 22, 2012

s/ Takayuki KIDO

Takayuki Kido

Date: _____

s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Witness:

Hiroshi YamadaHisayuki Fujiwara