

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>KENICHIRO AOYAGI</td> <td>10/07/2013</td> </tr> <tr> <td>SADAYUKI ABETA</td> <td>10/07/2013</td> </tr> <tr> <td>YASUYUKI WATANABE</td> <td>10/07/2013</td> </tr> <tr> <td>HIDEYUKI MATSUTANI</td> <td>10/07/2013</td> </tr> </tbody> </table>		Name	Execution Date	KENICHIRO AOYAGI	10/07/2013	SADAYUKI ABETA	10/07/2013	YASUYUKI WATANABE	10/07/2013	HIDEYUKI MATSUTANI	10/07/2013
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HIDEYUKI MATSUTANI	10/07/2013										
RECEIVING PARTY DATA											
Name:	NTT DOCOMO, INC.										
Street Address:	11-1, NAGATACHO 2-CHOME										
City:	CHIYODA-KU, TOKYO										
State/Country:	JAPAN										
Postal Code:	100-6150										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14125460</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14125460						
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Application Number:	14125460										
CORRESPONDENCE DATA											
Fax Number:	(713)228-8778										
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
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Address Line 1:	909 FANNIN										
Address Line 2:	SUITE 3500										
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NAME OF SUBMITTER:	THOMAS K. SCHERER										

OP \$40.00 14125460

Signature:	/Thomas K. Scherer/
Date:	12/17/2013
Total Attachments: 2 source=385_assn#page1.tif source=385_assn#page2.tif	

Assignment of Application  
(出願譲渡証)

私 (我々)

WHEREAS, I (WE)

INSERT NAMES AND  
RESIDENCE ADDRESS OF  
THE INVENTORS  
発明者の氏名及び住所  
を記入

(1) Kenichiro AOYAGI, (2) Sadayuki ABETA, (3) Yasuyuki WATANABE, and (4) Hideyuki MATSUTANI,  
residing at (1) Chiyoda-ku, Tokyo Japan, (2) Chiyoda-ku, Tokyo Japan, (3) Chiyoda-ku, Tokyo Japan,  
and (4) Chiyoda-ku, Tokyo Japan

INSERT TITLE OF  
INVENTION  
発明の名称を記入

は下記における新しい有用な改良を発明し、  
respectively, have invented certain new and  
useful improvements in:  
COMMUNICATION DEVICE AND COMMUNICATION METHOD

(Application No. PCT/JP2012/064399 , filed June 04, 2012 ),

一方、 and WHEREAS,

**NTT DOCOMO, INC.**

(以下「譲受人」) は、

(hereinafter referred to as "ASSIGNEE") having  
a place of business at

**11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan**

に営業所を有し、該発明について、及び  
合衆国及びその領土及びあらゆる全ての  
外国において付与されたあらゆる特許証  
について、全ての権利、権原、及び利益  
を取得することを希望し、

is desirous of acquiring the entire right, title and  
interest in and to said invention and in and to  
any Letters Patent that may be granted  
therefore in the United States and its territorial  
possessions and in any and all foreign  
countries;

従ってここに、受領を確認した有効にし  
て価値ある対価と引き換えに、私 (我々)  
は、本譲渡証により、合衆国及びその領  
土及び全ての外国における該発明に対す  
る完全で排他的な権利と、合衆国及びそ  
の領土及びあらゆる全ての外国において  
付与されるあらゆる全ての特許証につい  
て及びその分割、再発行、継続、差し替  
え、及び更新のあらゆる全てについての  
全ての権利、権原、及び利益とを、該譲  
受人に売却し、譲渡し、及び移転する。

NOW, THEREFORE, for good and  
valuable consideration, the receipt whereof is  
hereby acknowledged, I (WE), by these  
presents do sell, assign and transfer unto said  
ASSIGNEE, the full and exclusive right to the  
said invention in the United States and its  
territorial possessions and in all foreign  
countries and the entire right, title and interest  
in and to any and all Letters Patent which may  
be granted therefor in the United States and its  
territorial possessions and in any and all  
foreign countries and in and to any and all  
divisions, reissues, continuations, substitutions  
and renewals thereof.

私（我々）は、ここに、この譲渡及び売却がなされなかったならば私（我々）により保持されたであろう場合と同様に完全且つ全体的に、付与され得る存続期間の完全な最後まで、該譲受人、その（彼の）承継人及び非譲渡者による専用及び利益のために、あらゆる全ての特許証を、該特許証についての私（我々）の全ての権利、権原、及び利益の譲受人としての該譲受人に、合衆国及びその領土及びあらゆる全ての外国において特許庁当局が発行することを許可し及び要請する。

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

更に、私（我々）は私（我々）が知る該発明に関するあらゆる事実を該譲受人又はその（彼の）代理人に伝え、あらゆる法的手続きにおいて証言し、法の認めた書面に署名し、全ての分割、継続、差し替え、更新、及び再発行出願に署名し、全ての必要な譲渡書類に署名することで該特許証のあらゆるものが該譲受人に発行されるようにし、正当な全ての誓約をし、更に該譲受人、その（彼の）承継人及び非譲渡者が合衆国及びその領土及びあらゆる全ての外国において該発明について適切な保護を取得し及び行使することを援助するために一般に可能なことを全て行うことを、私（我々）は同意する。

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries

Date: Oct. 7, 2013 Kenichiro AOYAGI  
 日付 Signature of Inventor 発明者署名 Kenichiro AOYAGI

Date: Oct 7, 2013 Sadayuki Abeta  
 日付 Signature of Inventor 発明者署名 Sadayuki ABETA

Date: Oct 7, 2013 Yasuyuki WATANABE  
 日付 Signature of Inventor 発明者署名 Yasuyuki WATANABE

Date: Oct. 7, 2013 Hideyuki MATSUTANI  
 日付 Signature of Inventor 発明者署名 Hideyuki MATSUTANI

Date: \_\_\_\_\_  
 日付 Signature of Inventor 発明者署名