

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT          |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
|---|-------------------------|---------------|------------------|---------------------|-------------------------|-------------------|------------------|------------------|------------|------------------|------------|--------------|----------|
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT              |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| <b>CONVEYING PARTY DATA</b>   |                         |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sadaatsu KATO</td> <td>10/03/2011</td> </tr> <tr> <td>Choong Seng BOON</td> <td>10/03/2011</td> </tr> <tr> <td>Yoshinori SUZUKI</td> <td>10/03/2011</td> </tr> <tr> <td>Sandeep KANUMURI</td> <td>11/07/2011</td> </tr> </tbody> </table>   |                         | Name          | Execution Date   | Sadaatsu KATO       | 10/03/2011              | Choong Seng BOON  | 10/03/2011       | Yoshinori SUZUKI | 10/03/2011 | Sandeep KANUMURI | 11/07/2011 |              |          |
| Name  | Execution Date          |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| Sadaatsu KATO   | 10/03/2011              |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| Choong Seng BOON  | 10/03/2011              |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| Yoshinori SUZUKI  | 10/03/2011              |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| Sandeep KANUMURI  | 11/07/2011              |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| <b>RECEIVING PARTY DATA</b>   |                         |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>NTT DOCOMO, INC.</td> </tr> <tr> <td>Street Address:</td> <td>11-1, Nagatacho 2-chome</td> </tr> <tr> <td>Internal Address:</td> <td>SANNO PARK TOWER</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-6150</td> </tr> </table>  |                         | Name:         | NTT DOCOMO, INC. | Street Address:     | 11-1, Nagatacho 2-chome | Internal Address: | SANNO PARK TOWER | City:            | Tokyo      | State/Country:   | JAPAN      | Postal Code: | 100-6150 |
| Name:   | NTT DOCOMO, INC.        |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| Street Address:   | 11-1, Nagatacho 2-chome |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| Internal Address:   | SANNO PARK TOWER        |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| City:   | Tokyo                   |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| State/Country:  | JAPAN                   |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| Postal Code:  | 100-6150                |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| <b>PROPERTY NUMBERS Total: 1</b>  |                         |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13294145</td> </tr> </tbody> </table>   |                         | Property Type | Number           | Application Number: | 13294145                |                   |                  |                  |            |                  |            |              |          |
| Property Type   | Number                  |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| Application Number:   | 13294145                |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| <b>CORRESPONDENCE DATA</b>  |                         |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| <p>Fax Number: (317)634-6701</p> <p>Phone: 317-636-0886</p> <p>Email: IndianapolisDocketing@brinkshofer.com,<br/>       dhasler@brinkshofer.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Sanders N. Hillis</p> <p>Address Line 1: 201 North Illinois St., Suite 1100</p> <p>Address Line 2: Brinks Hofer Gilson &amp; Lione</p> <p>Address Line 4: Indianapolis, INDIANA 46204</p> |                         |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 9683-346                |               |                  |                     |                         |                   |                  |                  |            |                  |            |              |          |

CH \$40.00 13294145

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**PATENT**  
**REEL: 027240 FRAME: 0159**

NAME OF SUBMITTER:

Sanders N. Hillis

Total Attachments: 4

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**Assignment of Application**

(出願譲渡証)

INSERT NAMES AND  
RESIDENCE ADDRESS  
OF THE INVENTORS  
発明者の姓名及び住所を記入

私 (我々)

WHEREAS, I (WE)

1) Sadaatsu KATO

c/o Intellectual Property Department, NTT  
DoCoMo, Inc. Sanno Park Tower, 11-1,  
Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-  
6150 Japan

2) Choong Seng BOON

c/o Intellectual Property Department, NTT  
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3) Yoshinori SUZUKI

c/o Intellectual Property Department, NTT  
DoCoMo, Inc. Sanno Park Tower, 11-1,  
Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-  
6150 Japan

4) Sandeep KANUMURI

c/o Intellectual Property Department, NTT  
DoCoMo, Inc. Sanno Park Tower, 11-1,  
Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-  
6150 Japan

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:

INSERT TITLE OF  
INVENTION  
発明の名称を記入

MOVING IMAGE ENCODING AND DECODING DEVICE

その発明の詳細は米国特許出  
願に記載されており、その出  
願書類は該譲渡証の署名日ま  
たはその前後に上記譲渡人によ  
って署名された宣誓書を含  
み、

for a full description of which reference is  
here made to an Application for Letters  
Patent, which has an Oath or Declaration  
signed by the Assignors on or about the date  
of the Assignor's signature for this  
Assignment;

and WHEREAS,

一方、

NTT DOCOMO, Inc.

(以下「譲受人」) は、

(hereinafter referred to as  
"ASSIGNEE") having a place of  
business at:  
SANNO PARK TOWER  
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。

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。

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またはその（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、一部継続、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全て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。

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 Patents 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.

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 benefit of said ASSIGNEE, and 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.

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, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to 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: October 3, 2011  
日付

Sadaatsu Kato  
Sadaatsu KATO  
Signature of Inventor 発明者署名

Date: October 3, 2011  
日付

Choong Seng Boon  
Choong Seng BOON  
Signature of Inventor 発明者署名

Date: October 3, 2011  
日付

Yoshinori Suzuki  
Yoshinori SUZUKI  
Signature of Inventor 発明者署名

Date: \_\_\_\_\_  
日付

Sandeep Kanumuri  
Sandeep KANUMURI  
Signature of Inventor 発明者署名

any and all foreign countries.

Date: \_\_\_\_\_  
日付

\_\_\_\_\_  
Sadaatsu KATO  
Signature of Inventor 発明者署名

Date: \_\_\_\_\_  
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\_\_\_\_\_  
Choong Seng BOON  
Signature of Inventor 発明者署名

Date: \_\_\_\_\_  
日付

\_\_\_\_\_  
Yoshinori SUZUKI  
Signature of Inventor 発明者署名

Date: 11/07/2011  
日付

K. Sandeep  
Sandeep KANUMURI  
Signature of Inventor 発明者署名

(for Patent Application corresponding to  
PCT/JP2010/056378)