

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOMOYA AKIYAMA	04/03/2012
KEI OHSUGI	04/06/2012
RECEIVING PARTY DATA	
Name:	DAI NIPPON PRINTING CO., LTD.
Street Address:	1-1-1 ICHIGAYA KAGACHO
Internal Address:	SHINJUKU-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	162-8001
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14610298
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	JEFFREY D. HSI
SIGNATURE:	/Jeffrey D. Hsi/
DATE SIGNED:	02/10/2015
Total Attachments: 4	
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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 6th day of April, 2012,
by Tomoya AKIYAMA and Kei OHSUGI (hereinafter referred to as Assignors), all
residing at c/o DAI NIPPON PRINTING CO., LTD., 1-1-1, Ichigaya Kagacho, Shinjuku-
ku, Tokyo 162-8001 JAPAN.

WHEREAS, Assignors have invented certain new and useful improvements
in
COMMUNICATION SYSTEM, INFORMATION RECORDING MEDIUM, AND
INDIRECT COMMUNICATION DEVICE
set forth in a Patent application for which an International Application was filed on June
7, 2011, PCT/JP2011/063025, designating the United States; and

WHEREAS, DAI NIPPON PRINTING CO., LTD., organized under and
pursuant to the laws of Japan having its principal place of business at 1-1-1, Ichigaya
Kagacho, Shinjuku-ku, Tokyo 162-8001 JAPAN (hereinafter referred to as Assignee),
is desirous of acquiring the entire right, title and interest in and to said inventions and
said Application for Letters Patent of the United States, and in and to any Letters
Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good
and sufficient consideration, the receipt of which is hereby acknowledged, Assignors
have sold, assigned, transferred and set over, and by these presents do sell, assign,
transfer and set over, unto Assignee, its successors, legal representatives and assigns,
the entire right, title and interest in and to the above-mentioned inventions and
application for Letters Patent, and in and to any and all direct and indirect divisions,
continuations and continuations-in-part of said application, and any and all Letters
Patent in the United States which may be granted therefor and thereon, and reissues,
reexaminations and extensions of said Letters Patent, and all rights under the
International Convention for the Protection of Industrial Property, the same to be held
and enjoyed by Assignee, for its own use and benefit and the use and benefit of its
successors, legal representatives and assigns, to the full end of the term or terms for

which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order

to comply with the rules of the United States Patent and Trademark Office for
recordation of this document:

EDWARDS WILDMAN PALMER LLP

All practitioners at Customer Number 21874

AND Assignors acknowledge an obligation of assignment of this invention to
Assignee at the time the invention was made.

2012 / 4 / 3
Date

T. Akiyama
Tomoya AKIYAMA

Witness:

Date

2012 / 4 / 6
Date

K. Ohsugi
Kei OHSUGI

Witness:

Date