PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Noboru HARADA	06/16/2009
Takehiro MORIYA	06/16/2009
Yutaka KAMAMOTO	06/16/2009

RECEIVING PARTY DATA

Name:	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	
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City:	Tokyo	
State/Country:	JAPAN	
Postal Code: 100-8116		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12518789

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 340060US

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Total Attachments: 2

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PATENT

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JP \$40.00 1251878

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Assignment of Application

Kanagawa, Ja	apan, and Yutaka KAMAMOTO, of Atsugi-shi, Kanaga	wa, Japan, (all the same Pos
Office addres	ses): c/o NTT Intellectual Property Center, 9-11, Midori-	-cho 3-chome, Musashino-
shi, Tokyo 18	30-8585 Japan	
		, respective
have invented certain new and use	eful improvements in: ENCODER, DECODER, THEIR	METHODS PROGRAMS
	MEDIA HAVING PROGRAMS RECORDED THEREC	
(Application No.	, filed), an
WHEDEAS MIDDONITELL	EGRAPH AND TELEPHONE CORPORATION	
WHEREAS, NIFFON TELI	EGRAFITAND TELEFTIONE CORTORATION	

100-8116 Japan, 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;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, 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.

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.

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.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date:	June 16, 2009	hoborn Karada
		(Signature of Inventor) Noboru HARADA
Date: _	June 16, 2009	Takehis mi
		(Signature of Inventor) Takehiro MORIYA
Date: _	June 16. 2009	Inter Kanamoto
_	, , , , , , , , , , , , , , , , , , , ,	(Signature of Inventor) Yutaka KAMAMOTO

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

12/04

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