# PATENT ASSIGNMENT COVER SHEET

## Electronic Version v1.1 Stylesheet Version v1.2

## EPAS ID: PAT2595532

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SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY I	ATA					
			me	Execution Date		
				10/02/2013		
				10/07/2013		
YUZO SENDA				09/16/2013		
RECEIVING PARTY D	ΑΤΑ					
Name:	NEC CORPOR	NEC CORPORATION				
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City:	ΤΟΚΥΟ					
State/Country:	JAPAN					
Postal Code:	108-8001					
			Number			
Property Type Application Number: 1400		1400965	Number			
		1400303				
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Fax Number: Phone: Email:	202-4	108-4000	)			
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Phone: Email: <i>Correspondence will b</i> Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET	202-4 regio <i>e sent via US Ma</i> FINN 901 N WAS	408-4000 nal-desk( ail when ti EGAN, H NEW YOI HINGTO	) @finnegan.com <i>the email attempt is unsuccessful.</i> HENDERSON, FARABOW, GARRETT & RK AVENUE, NW NN, DISTRICT OF COLUMBIA 20001-4413 12448.0001-00000			
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Phone: Email: <i>Correspondence will b</i> Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER Signature:	202-4 regio e sent via US Ma FINN 901 N WAS NUMBER:	408-4000 nal-desk( ail when t EGAN, H NEW YOF HINGTO	0 @finnegan.com <i>the email attempt is unsuccessful.</i> HENDERSON, FARABOW, GARRETT & RK AVENUE, NW DN, DISTRICT OF COLUMBIA 20001-4413 12448.0001-00000 CHETAN BANSAL /Chetan Bansal/			

# Attorney Docket No. 12448.0001-00000

#### ASSIGNMENT

WHEREAS I/We, the below named inventor(s), (hereinafter referred to as Assignor(s)), have made an invention entitled:

## IMAGE ENCODING DEVICE AND IMAGE DECODING DEVICE

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on 7, Oct. 20/3 (Application No. 14/0(9, 65%)); and

WHEREAS,	NEC Corporation
a corporation	of Japan

whose post office address is \_\_\_\_\_7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 Japan

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, IWE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. PCT/JP2012/003759, filed June 8, 2012) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Hirofumi AOKI	assignor's signature Hirofumí Awhi	DATE 2.	Oct.	2013
ADDRESS c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1	1088001 Japan	CITIZEN Japan	ISHIP	
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Kelichi CHONO	ASSIGNOR'S SIGNATURE Keichi Chom	DATE 7.	Oct.	2013
ADDRESS of NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 Japan			ISHIP	
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Yuzo SENDA	assignor's signature WW Sendy	DATE	6p.2	0/3
ADDRESS c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1		CITIZEN Japan	ISHIP	

Page 1 of 2

# PATENT REEL: 031501 FRAME: 0788

**RECORDED: 10/29/2013**