501906486 05/01/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Eisaku SASAKI	04/25/2012
Hirotaka SATO	04/25/2012

RECEIVING PARTY DATA

Name:	NEC Corporation	
Street Address:	7-1, Shiba 5-chome, Minato-ku	
City:	Tokyo	
State/Country:	/Country: JAPAN	
Postal Code:	108-8001	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13505346

CORRESPONDENCE DATA

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via US Mail.

Correspondent Name: YOUNG & THOMPSON Address Line 1: 209 Madison Street

Address Line 2: Suite 500

Address Line 4: Alexandria, VIRGINIA 22314

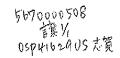
ATTORNEY DOCKET NUMBER: 8027-1182

NAME OF SUBMITTER: Eric Jensen

Total Attachments: 1 source=ASSMT#page1.tif

PATENT

REEL: 028136 FRAME: 0493



Attorney Docket No.

ASSIGNMENT

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Eisaku SASAKI	
Hirotaka SATO	

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in

CARRIER RECOVERY CIRCUIT AND DEMODULATION CIRCUIT UNDER QUASI-COHERENT DETECTION METHOD

- (a) for which an application for a United States patent was filed on May 1, 2012 , Application No. 13/505, 346 , or
- (b) for which an application for a United States patent was executed on April 25, 2012,

WHEREAS, NEC Corporation,

WHEREAS.

whose address is 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 Japan,

hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date April 25, 2012

(signature) Eisaku SASAKI

Hirotaka Sato

Date April 25, 2012

PATENT REEL: 028136 FRAME: 0494

RECORDED: 05/01/2012