Docket No.: NEC0428US

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Hiroki TAKEUCHI	Name: NEC ELECTRONICS CORPORATION	
	Address: 1753 Shimonumabe, Nakahara-ku	
	Audiess. 1733 Similaridamase, Marada Ru	
Additional names(s) of conveying party(ies)		
3. Nature of conveyance:		
☐ Merger		
☐ Security Agreement ☐ Change of Name	City: Kawasaki State/Prov.: Kanagawa	
☐ Other	Country: JAPAN ZIP: 211-8668	
Execution Date: November 4, 2005	Additional name(s) & address(es)	
Application number(s) or patent numbers(s):		
If this document is being filed together with a new application,	the execution date of the analication is:	
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Patent Application No. Filing date	B. Patent No.(s)	
11/280,431 November 17, 2005		
Additional numbers	☐ Yes ☐ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Sean M. McGinn, Esq.	7. Total fee (37 CFR 3.41):\$ 40.00	
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9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		
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Sean M. McGinn, Esq.	January 9, 2006	
Name of Person Signing	Signature □ □ □ Date □	

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PATENT REEL: 017170 FRAME: 0859

## ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS

NAME AND ADDRESS OF ASSIGNOR Hiroki TAKEUCHI c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION: ERROR DETECTING CODE ADDITION CIRCUIT, ERROR DETECTION CIRCUIT AND METHOD, AND DISC APPARATUS

## WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE

NEC Electronics Corporation 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any

(Assignment of Application for Patent -- page 1 of 2)

PATENT REEL: 017170 FRAME: 0860 continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 4th day of November, 200 5.

SIGNATURE	By: Hiroki Takeuchi Hiroki TAKEUCHI
SIGNATURE	Ву:
SIGNATURE	Ву:
SIGNATURE	Ву:

WITNESSES

(Assignment of Application for Patent -- page 2 of 2)

PATENT REEL: 017170 FRAME: 0861

**RECORDED: 01/09/2006**