Attorney Docket No. 020199



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MRD 2128 2

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**Submission type:** X New

Conveyance type: X Assignment

Conveying Party(ies): (Last, First, Middle Initial) <u>Execution Date</u>

First party Name: HIRASE, Katsunori February 1, 2002

Second party Name:

Third party Name:

Additional name(s) of conveying party(ies) attached? Yes \_\_\_\_No\_X\_

Receiving Party (ies):

First party Name: SANYO ELECTRIC CO., LTD.

Address: 5-5, Keihanhondori 2-chome, Moriguchi-shi,

Osaka, Japan

Additional name(s) & address(es) attached? Yes No XX

**Domestic Representative Name and Address** (Enter for the first Receiving Party only)

ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006

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PATENT REEL: 012642 FRAME: 0540

Page 2			
Correspondent Name and Address  ARMSTRONG, WESTERMAN & HATTORI, LLP  1725 K Street, N.W., Suite 1000  Washington, D.C. 20006			
Pages Enter the total number of pages of the attached conveyance document: 2 (including any attachments, but not counting cover sheets)			
Application Number(s) or Patent Number(s) Additional numbers attached? Yes No XX			
A. Patent Application No.(s)  ##   DOSU369			
Patent Cooperation Treaty (PCT)  PCT			
Enter PCT application number only if PCT a U.S. Application Number has not been assigned PCT			
Number of Properties Enter the total number of properties involved:1_			
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41)			
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Authorized to be charged to Deposit Account No.: 01-2340			
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.  Mel R. Quintos  Name of Person Signing  Signature			
Pebruary 28, 2002  Date  31,898  Registration No.			

MRQ/II

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ATTORNEY DOCKET NO.	 	

## **ASSIGNMENT**

	Application No.		Filed
nsert Name(s) of Inventor(s)			
nsert Title of Invention	•		thod Reducing Error
	Accumulation an	nd Hence Image Degradatio	on
	for which an application for L	Letters Patent of the United States of A	America has been executed by the undersigned
Insert Date of Signing of Application	→ on February 1, 20	002	; and
Insert Name of Assignee	→ WHEREAS,	Sanyo Electric Co., Ltc	d.
Insert Address of Assignee	$\rightarrow$ of5-5, Keihanhon	ndori 2-chame, Moriguchi-	-shi, Osaka, Japan
CHECK BOX IF APPROPRIATE	acquiring the entire right, to may be granted therefor in	the United States of America and ountries.	iter designated as the Assignee) is desirous of antion and in and to any Letters Patent(s) that
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Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s)

PATENT REEL: 012642 FRAME: 0542 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Armstrong, Westerman, Hattori, McLeland & Naughton LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date February 1, 2002	Name of Inventor Katsunori HIRASE
Date •	Name of Inventor
Date +	Name of Inventor
Date	Name of Inventor

**RECORDED: 02/28/2002** 

PATENT REEL: 012642 FRAME: 0543