Attorney Docket No. 050661

10-20-2005



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Execution Date Conveying Party (ies): (Last, First, Middle Initial)

KOBAYASHI, Nobuyuki September 16, 2005 First party Name:

Second party Name:

Name:

Additional name(s) of conveying party(ies) attached? Yes ____ No XX

RECORD

Receiving Party (ies):

Third party

SANYO ELECTRIC CO., LTD. First party Name:

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

> > 570-8677 Japan

Second party Name:

Address:

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

Domestic Representative Name and Address

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PATENT

REEL: 017094 FRAME: 0914

Page 2			
Correspondent Name and Address	Telephone: 202-659-2930		
ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006			
Pages Enter the total number of pages of the attack (including any attachments, but not counting	11		
Application Number(s) or Patent Number(s)	Additional numbers attached? Yes No XX		
A. Patent Application No.(s) B. Patent	<u>No.(s)</u>		
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: September 16, 2005			
(Do not recite both application and patent numbers.) 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 for Properties Li	isted (37 CFR 3.41) \$40.00		
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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.			
William L. Brooks	Willie 2 Auch Signature		
Name of Person Signing	Signature		
October 13, 2005 Date	Registration No.		
Rev. 11/00 WLB:jaz			

PATENT REEL: 017094 FRAME: 0915

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

		Application No.			Filed	
Insert Name(s) of Inventor(s)	-	WHEREAS,	Nobuyuki	KOBAYASHI		
Insert Title of Invention	-				invented certain new and Method of Manu	useful improvements in facturing the Same
Insert Date of Signing of Application Insert Name of Assignee	→	undersigned (except	in the case of a	a provisional applic	ation).	a has been executed by the
Insert Address of Assignee	-	of _5-5, Kei	hanhondori	2-chome, M	origuchi-shi, Os	saka 570-8677 Japan
CHECK BOX IF APPROPRIATE	-	desirous of acqui Letters Patent(s) in any and all NOW, THER hand paid, the red	ring the entire that may be gr foreign countri REFORE, in con- ceipt of which i	right, title and i ranted therefor i ies. nsideration of the is hereby acknow	nterest in and to said in the United States of A s sum of Ten Dollars (\$1 vledged, and other good	0.00) to the undersigned in and valuable consideration,
		and transfer unto of America, its ter to any and all Let territories, depen- countries;	said Assignee rritories, depend ters Patent(s) dencies and po	the full and excludencies and possible which may be gossessions, and in	usive right to the said investions and the entire retained therefor in the Uffithe box above is designated.	e presents does sell, assign vention in the United States ight, title and interest in and nited States of America, its nated, in any and all foreign
		and to any and al				tensions thereof for the full

PATENT REEL: 017094 FRAME: 0916 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion 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, conversion 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 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, conversion 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, Kratz, Quintos, Hanson & Brooks, 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	September 16, 200)5	Name of Inventor Nobuyuki KOBAYASHI
Date		•	Name of Inventor
Date		•	Name of Inventor
Date			Name of Inventor
Date		,	Name of Inventor
Date		,	Name of Inventor
Date		,	Name of Inventor
Date		,	Name of Inventor
Date			Name of Inventor

RECORDED: 10/13/2005

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