

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Yuuji Ide		09/02/2005
RECEIVING PARTY DATA		
Name:	Sanyo Denki Co., Ltd.	
Street Address:	15-1, Kitaotsuka 1-chome	
Internal Address:	Toshima-ku	
City:	Tokyo	
State/Country:	JAPAN	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	10549727	
CORRESPONDENCE DATA		
Fax Number:	(216)566-9711	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	2165669700	
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Correspondent Name:	Rankin Hill Porter and Clark	
Address Line 1:	4080 Erie Street	
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ATTORNEY DOCKET NUMBER:	16288	
NAME OF SUBMITTER:	David E. Spaw	
Total Attachments: 2 source=16288#page1.tif source=16288#page2.tif		

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PATENT
 REEL: 016637 FRAME: 0855

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

MOTOR CONTROLLER

that are the subject of an application for a U.S. Patent, (Application No. 10/549727,
filed 09/19/2005), which application is further identified as Rankin, Hill,
Porter & Clark LLP Docket No. NIS-16288.

WHEREAS, Sanyo Denki Co., Ltd., a corporation
of Japan, and having a place of business at
15-1, Kitaotsuka 1-chome,
Toshima-ku, Tokyo, Japan, hereinafter referred to as
"assignee", is desirous of acquiring all right, title, and interest throughout the world in,
to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt
and sufficiency of which are hereby acknowledged, all right, title, and interest, in the
United States and throughout the world, in, to and under said improvements and
inventions and all patents, patent applications, patent rights, and inventor's certificates
thereof, therefor, and therein, including without limitation said application for patent in
the United States, all divisions and continuations thereof, all patents which may be
granted thereon, all reissues and extensions thereof, all right to sue for past
infringement thereunder, all patents which may be granted for said improvements and
inventions by states or nations other than the United States, or by other authority,
entity, or organization, and all applications therefor, have been and are hereby sold,
assigned, transferred, and delivered unto assignee, its successors and assigns; and it
is covenanted and agreed by the undersigned, and for executors, administrators, and
legal representatives of the undersigned, that at assignee's request any and all
applications, affidavits, assignments, and other instruments will be made, executed,
and delivered as may be necessary, or desirable to secure for or vest in assignee, its
successors or assigns, any improvement, inventions, right, title, interest, application,
patent, patent right or other right or property covered by this assignment, and the
United States Commissioner of Patents and Trademarks is hereby requested and
authorized to issue any and all United States patents granted on any of said
applications to assignee as owner of the entire right, title, and interest in, to, and under
the same, and appropriately empowered officials of foreign countries are hereby
authorized to issue any letters patent granted on any of said applications to assignee
as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill, Porter & Clark LLP the
power to insert on this assignment any identification that may be necessary or
desirable in order to comply with the rules of the United States Patent and Trademark
Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (sole or joint): Yuuji IDE
Signature: Yuuji Ide
Today's Date : September 2, 2005

Witness: Satoshi Yamaguchi
Witness: Masaharu Sakai

(2) Inventor Name (joint): _____
Signature: _____
Today's Date : _____

Witness: _____
Witness: _____

(3) Inventor Name (joint): _____
Signature: _____
Today's Date : _____

Witness: _____
Witness: _____

(4) Inventor Name (joint): _____
Signature: _____
Today's Date : _____

Witness: _____
Witness: _____