PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Toshiyuki Imai	06/19/2009
Takahiro lida	06/19/2009
Joji Noie	06/19/2009

RECEIVING PARTY DATA

Name:	Sanyo Electric Co., Ltd.
Street Address:	2-5-5 Keihanhondori, Moriguchi-shi
City:	Osaka
State/Country:	JAPAN
Postal Code:	570-8677

Name:	Sanyo Semiconductor Co., Ltd.
Street Address:	1-1, Sakata 1-chome, Oizumi-machi
City:	Ora-gun, Gunma
State/Country:	JAPAN
Postal Code:	370-0596

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12483168

CORRESPONDENCE DATA

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PATENT

ATTORNEY DOCKET NUMBER:	SI08-P09249US
NAME OF SUBMITTER:	Douglas S. Kirk
Total Attachments: 3 source=P09249US-Assignment-12483168#page1.tif source=P09249US-Assignment-12483168#page2.tif source=P09249US-Assignment-12483168#page3.tif	

Names of Inventors:	(1) Toshiyuki Imai		
	(2) Takahiro Iida		
	(3) Joji Noie		
Name of Assignee:	Sanyo Electric Co., Lt	d.	
	Sanyo Semiconductor	Co., Ltd.	
State of Incorporation of Assignee:	Japan		
Title of Application:	MOTOR DRIVE C	IRCUIT	
Application No.: 12/483,168	Date of Fi	ling of Application:	06/11/2009
1. In consideration of the sum of \$1.00 which are hereby acknowledged, the undertransfer to the above-named Assignee, its and to the inventions claimed and descrithroughout the world, and in and to any apin any and all countries, and in and to any patents and all priority rights associated connection with such applications as the Associated	rsigned agree to sell, as successors and assigns, t bed in the above-identifulications for patent and continuations, divisions, therewith. The unders	sign and transfer and the entire and exclusion fied patent application patents which may be reissues and extension igned agree to execu-	I do hereby sell, assign and ve right, title and interest in on in the United States and e granted and issued thereon ons of said applications and
2. The undersigned agree to perform all a States patent to the Assignee. The underinterference which may be declared concer with the Assignee in every way possible in	ersigned agree to execu- ning this application or	te all papers necession or division	ary in connection with any on thereof and to cooperate
3. The undersigned agree to execute all p provisions of any and all international treat	-	• •	necessary in connection with
4. The undersigned hereby authorize and Patents resulting from the above reference Assignee, as Assignee of the entire interest	ed patent application an		
5. The undersigned hereby covenant to undersigned hereby represent and warrant to be made or entered into which would conflict the second seco	hat no other assignment,	sale, agreement or er	ncumbrance has been or will
Signature of Inventor 1: () Shipe	ai Inai	Date: J	4ue 19, 2007
Signature of Inventor 2:		Date:	
Signature of Inventor 3:		Date:	
Signature of Inventor 4:		Date:	
Signature of Inventor 5:		Date:	
Witnessed by:			
Thinight Hisademl Name of Witness			

ASSIGNMENT

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Names of Inventors:	(1) Toshiyuki Imai
	(2) Takahiro Iida
	(3) Joji Noie
Name of Assignee:	Sanyo Electric Co., Ltd.
	Sanyo Semiconductor Co., Ltd.
State of Incorporation of Assignee:	Japan
Title of Application:	MOTOR DRIVE CIRCUIT
Application No.: 12/483,168	Date of Filing of Application: 06/11/2009
which are hereby acknowledged, the under transfer to the above-named Assignee, its and to the inventions claimed and descri- throughout the world, and in and to any ap- in any and all countries, and in and to any	and other good and valuable consideration, the receipt and sufficiency of the straight agree to sell, assign and transfer and do hereby sell, assign and successors and assigns, the entire and exclusive right, title and interest in bed in the above-identified patent application in the United States and plications for patent and patents which may be granted and issued thereof continuations, divisions, reissues and extensions of said applications and therewith. The undersigned agree to execute separate assignments in ssignee may deem necessary or expedient.
States patent to the Assignee. The und interference which may be declared conce	affirmative acts which may be necessary to obtain a grant of a valid United ersigned agree to execute all papers necessary in connection with any rning this application or continuation or division thereof and to cooperate obtaining evidence and going forward with such interference.
	papers and documents and to perform any act necessary in connection with ites regarding patents and industrial property.
	d request the Commissioner of Patents to issue any and all United States and patent application and any continuations or divisions thereof to the
	having full right to convey the entire interest herein assigned. The that no other assignment, sale, agreement or encumbrance has been or will ict with this assignment. This assignment stands on its own.
Signature of Inventor 1:	Date:
Signature of Inventor 2: Takahir	o Iida Date: June 19, 2009
Signature of Inventor 3:	Date:
Signature of Inventor 4:	Date:
Signature of Inventor 5:	Date:
Witnessed by:	
Shinishi Topisadomi Name of Witness	

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which are hereby acknowledged, the und transfer to the above-named Assignee, its and to the inventions claimed and descr throughout the world, and in and to any ap in any and all countries, and in and to any	and other good and valuable consideration, the receipt and sufficiency of ersigned agree to sell, assign and transfer and do hereby sell, assign and successors and assigns, the entire and exclusive right, title and interest in ibed in the above-identified patent application in the United States and oplications for patent and patents which may be granted and issued thereon of continuations, divisions, reissues and extensions of said applications and therewith. The undersigned agree to execute separate assignments in assignee may deem necessary or expedient.
States patent to the Assignee. The uncinterference which may be declared conce	affirmative acts which may be necessary to obtain a grant of a valid United lersigned agree to execute all papers necessary in connection with any erning this application or continuation or division thereof and to cooperate obtaining evidence and going forward with such interference.
	papers and documents and to perform any act necessary in connection with ties regarding patents and industrial property.
	d request the Commissioner of Patents to issue any and all United States ced patent application and any continuations or divisions thereof to the t.
	o having full right to convey the entire interest herein assigned. The that no other assignment, sale, agreement or encumbrance has been or will lict with this assignment. This assignment stands on its own.
Signature of Inventor 1:	Date:
Signature of Inventor 2:	Date:
Signature of Inventor 3: Joji. Noi	Date: June 19. 2009
Signature of Inventor 4:	Date:
Signature of Inventor 5:	Date:
Witnessed by:	
Shinichi Hiradome Name of Witness	

RECORDED: 03/04/2010