U.S. PTO 11/798152 05/10/2007

Form PTO-1595 (Rev. 03-05)

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OMB No. 0651-0027 (exp. 6/30/2005) $05-31-20$	United States Patent and Trademark Office
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To the Director of the U.S. Pa 1034110	I documents or the new address(es) below.
1. Name of conveying party,,.	dress of receiving party(ies)
Takeshi KATO (12/08/2006), Kenji OOGUSHI (12/08/2006), Kenichi NONAKA (12/08/2006),	Name: HONDA MOTOR CO., LTD.
Yoshihiko HIGASHIDANI (12/08/2006),	Internal Address:
Additional name(s) of conveying party(ies) attached? X Yes No	Street Address:
3. Nature of conveyance/Execution Date(s):	1-1, Minami-Aoyama 2-chome, Minato-ku
Execution Date(s): in parentheses after inventor name	Tokyo 107-8556
X Assignment Merger Change of Name	JAPAN
Security Agreement Joint Research Agreement	City:
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country:Zip:
Other	Additional name(s) & address(es) Yes X No attached:
A. Patent Application No.(s)  NEW  Additional numbers attached?	B. Patent No.(s)
ricalional numbers altability.	Yes X No
	6. Total number of applications and patents involved:
5. Name and address to whom correspondence	6. Total number of applications and
5. Name and address to whom correspondence concerning document should be mailed:  Name: Paul C. Lewis BIRCH, STEWART, KOLASCH & BIRCH, LLP  Internal Address: Atty. Dkt.: 0943-0167PUS2  Street Address: 8110 Gatehouse Road Suite 100 East	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed
5. Name and address to whom correspondence concerning document should be mailed:  Name: Paul C. Lewis BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 0943-0167PUS2 Street Address: 8110 Gatehouse Road Suite 100 East P.O. Box 747	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
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5. Name and address to whom correspondence concerning document should be mailed:  Name: Paul C. Lewis BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 0943-0167PUS2 Street Address: 8110 Gatehouse Road Suite 100 East P.O. Box 747  City: Falls Church State: VA Zip: 22040-0747 Phone Number: (703) 205-8000	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information  a. Credit Card  Last 4 Numbers  Expiration Date
5. Name and address to whom correspondence concerning document should be mailed:  Name: Paul C. Lewis BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 0943-0167PUS2 Street Address: 8110 Gatehouse Road Suite 100 East P.O. Box 747  City: Falls Church State: VA Zip: 22040-0747 Phone Number: (703) 205-8000 Fax Number: (703) 205-8050 Email Address: mailroom@bskb.com  9. Signature:	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment information  a. Credit Card Last 4 Numbers  Expiration Date  b. Deposit Account Number 02-2448  Authorized User Name Paul C. Lewis
5. Name and address to whom correspondence concerning document should be mailed:  Name: Paul C. Lewis BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 0943-0167PUS2 Street Address: 8110 Gatehouse Road Suite 100 East P.O. Box 747  City: Falls Church State: VA Zip: 22040-0747 Phone Number: (703) 205-8000 Fax Number: (703) 205-8050 Email Address: mailroom@bskb.com	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information  a. Credit Card Last 4 Numbers  Expiration Date  b. Deposit Account Number  Authorized User Name Paul C. Lewis

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Form PTO-1595	RECOR	DATION FORM COVER SHEET (CONTINUED)	
Additional Conve	ying Party(ies)/Exec	ution Date(s) (1. Continued):	
Yoshimitsu SAITO (1	2/08/2006), and Kenji O	KAMOTO (12/08/2006)	
Additional Assign	ees (2. Continued):	<del></del>	
			<del></del>
Internal Address: Street Address:			
City:	State:	Country:	Zip:
Assignee Name:			
Street Address:			
City:	State:	Country:	Zip:
Assignee Name:			
Internal Address: Street Address:			
City:	State:	Country:	Zip:
Additional Applica	tions and/or Patents	(4. Continued):	
Additional Patent Application 4A. Continued:	on Numbers .	Additional Patent Numbers 48. Continued:	
	Additional numbers a	ittached?	

Docket No.: 0943-0167PUS2

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

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

## **ASSIGNMENT**

Application No.	NEW	Filed _	5/10/07			
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***					
		MOTO (hereinafter d	OOGUSHI; Yoshihiko HIGASHIDANI; esignated as the undersigned) has (have)			
Insert Title of Invention	POWER SEMICONDUCTOR MODUL	LE				
	for which an application for Letters Pa undersigned (except in the case of a pro		ates of America has been executed by the			
Insert Date of Signing of	on <u>12/8/06</u>		; and			
Application Insert Name of Assignee	WHEREAS, HONDA MOTOR CO.,	LTD.				
Insert Address of Assignee	of 1-1, Minami-Aoyama 2-chome, Min	ato-ku, Tokyo, 107-85	556, JAPAN			
CHECK BOX		tle and interest in and	ereinafter designated as the Assignee) is to said invention and in and to any Letters America and			
IF AFFROFRIATE	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said 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) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;					
	and to any and all divisions, reissues,	continuations, conve	ersions and extensions thereof for the full			

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term or terms for which the same may be granted.

## Attorney Docket No. 0943-0167PUS2

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 Letter 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) and 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 Birch, Stewart, Kolasch & Birch, 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 <sub>.</sub>	December	8,	2006	,	Name of Inventor	Kenichi Nonaka (signature) Kenichi NONAKA
Date <sub>.</sub>	December	8,	2006	······•*	Name of Inventor	Jakeshi Kato (signature) Takeshi KATO
Date .	December	8,	2006	<b>,</b>	Name of Inventor	Kenji Oogushi (signature) Kenji OOGUSHI
Date _	December	8,	2006	,	Name of Inventor	<u> </u>
Date _	December	8,	2006	<b>,</b>	Name of Inventor	Yoshimitsu Saico
Date _	Decemb'er	8,	2006		Name of Inventor	(signature) Yoshimitsu SAITO  Tousi Ramoto  (signature) Kenji OKAMOTO

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RECORDED: 05/10/2007

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