





102828220

Attorney Docket No.: BOE01 022

PATENT CONVEYANCE RECORDATION COVER SHEET

To the Honorable Commissioner of Patents and Trademarks: Kesulm Please record the attached original document or copy thereof. Name of conveying party(ies): Name and address of receiving party(ies): Helmut Ganter Minebea Co., Ltd. Joachim Heizmann 4106-73 Miyota, Miyota-machi, Kitasaku-gun Oswald Kuwert Hans-Joachim Wysk City: Nagano-ken Additional name(s) of conveying Country: JAPAN party(ies) attached? Yes ___ No <u>X</u> Nature of conveyance: __ Assignment Merger Security Agreement Change of Name **Execution Date:** (January 8, 2004) Helmut Ganter (January 12, 2004) Oswald Kuwert **Execution Date: Execution Date:** (January 13, 2004) Hans-Joachim Wysk (January 20, 2004) Joachim Heizmann Execution Date: Total number of applications and patents involved: 1 A. Patent Application No.: 10/473,954 Filing Date: September 30, 2003 Name and address of party to whom The Commissioner is hereby authorized to correspondence concerning document charge payment of any additional fees should be mailed: associated with this communication or credit any overpayment to Deposit Account No. 04-1679. A duplicate of this sheet is enclosed. Name: Mark C. Comtois, Esquire Address: Total fee (37 C.F.R. 3.41): \$40.00 DUANE MORRIS LLP 1667 K Street, N.W., Suite 700 X Enclosed Washington, DC 20006 The PTO did not receive the following listed item(s) ____

> PATENT REEL: 015743 FRAME: 0099

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.

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Signature

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ASSIGNMENT

(1) Helmut Ganter	UU	r
(2) Joachim Heizmann		
(3) Oswald Kuwert		
(4) Hans-Joachim Wysk		

(1-4) Insert Name(s) of Inventor(s)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations, the receipt of which is acknowledged by each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

(5) Insert name of Assignee (5)	Minebea Co., Ltd.
(6) Insert address of Assignee (6)	4106-73 Miyota, Miyota-machi
	Kitasaku-gun, Nagano-ken, Japan

and its successors, legal representatives and assigns (hereinafter designated as the Assignee) the entire right, title and interest in the invention disclosed and/or claimed in the United States application identified below, as well as all applications for patent and any Letters Patent which may be granted therefor in the United States of America and all foreign countries, and in and to any and all divisions, continuations, continuations-in-part of said applications, or re-issues or extensions of said patents or Letters Patent, and all rights under the International Convention for the Protection of Industrial Property:

(7) Insert Identification of	(7) SUPPORTING UNIT FOR AN ELECTRIC MOTOR, PARTICULARLY
Invention, such as Title,	FOR AN ELECTRONICALLY COMMUTATED DIRECT CURRENT MOTOR
Docket Number, or Foreig	m (Docket No. <u>BOE01 022</u>)
Application Number	
(8) Insert date of signing of	(8)
application	
(9) Alternative identification	(9) Application Number: <u>10/473,954</u>
for filed applications	Filed: September 30, 2003

The undersigned further agree(s) to cooperate with the Assignee in every way possible and to do all affirmative acts, and to execute all papers which counsel for Assignee shall advise are necessary and/or desirable without charge to Assignee in connection with said applications including, without limitation, the execution of separate assignments in connection with such applications, claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

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

The undersigned hereby grant(s) to Mark C. Comtois, Reg. No. 46,285; L. Lawton Rogers, III, Reg. No. 24,302; D. Joseph English, Reg. No. 42,514; and Patrick D. McPherson, Reg. No. 46,255 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 United States Patent Office for recordation of this document.

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

	110 /	allole	
Date	U&1	01/04	

Date /2/01/04

Date <u>73. /01 /04</u>

Date <u>20101104</u>

Signature of Inventor ___

Signature of Inventor

Signature of Inventor Hans Jonehin

Signature of Inventor _

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RECORDED: 02/06/2004

PATENT REEL: 015743 FRAME: 0102