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PATENT ONLY

COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Nigel D. STRIKE

Henry RIDDOCH

8-16-04

## 2. Name and address of receiving party(ies)

Name: Minebea Co. Ltd.

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other \_\_\_\_\_

Street Address: 4106-73, Oaza Miyota,

Miyota-machi, Kitasaku-Gun,

City: Nagano

State: \_\_\_\_\_

Zip: 389-0293

Country: Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date: May 12, 2004, June 3, 2004

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/490,967

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Patrick W. Hughey

Internal Address: \_\_\_\_\_

08/23/2004 SNAJARRD 00000077 10490967

02 FC:9021

40.00 00

Street Address: 805 SW Broadway #2740

City: Portland

State: OR

Zip: 97205

6. Total number of applications and patents involved: ☒ 1

7. Total fee (37 CFR 3.41).....\$ 40

☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

50-0241

(Attach duplicate copy of this page if paying by deposit account)

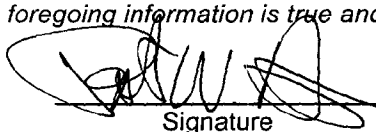
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## 9. Statement and signature.

*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.*

Patrick W. Hughey

Name of Person Signing



Signature

Aug 12, 2004

Date

Total number of pages including cover sheet, attachments, and documents: ☒ 2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231PATENT  
REEL: 015752 FRAME: 0997

WHEREAS, I, Nigel D. STRIKE, of Andover, England, and I, Henry RIDDOCH; of Renfrewshire, United Kingdom, hereafter referred to as Assignor, have invented certain new and useful improvements entitled:

**Motor Control Circuit and Associated Full Bridge Switching Arrangement**

for which an application for an International Application No. PCT/GB02/04469 was filed on 03 Oct 2002 and has been assigned a US National Phase Application No. 10/490,967

Whereas, Minebea Co. Ltd., a Japanese corporation herein referred to as "Assignee" and whose post office address is 4106-73, Oaza Miyota, Miyota-machi, Kitasaku-Gun, Nagano 389-0293, Japan, desires to acquire the entire right, title and interest in the same desires to acquire the entire right, title and interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, hereby sells, assigns and transfers to the Assignee, the full and exclusive right, title and interest in and to said invention, patent application, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute related US patent application(s), international applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent(s) may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Assignee, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

Executed this 12 day of MAY, 2004, at TEMPE AZ USA  
CITY, STATE or PROVINCE

**Nigel D. STRIKE**

N.D. Strike  
SIGNATURE

Witness:

Scott FRANKEL

NAME

AA RA  
SIGNATURE

5-12-04

DATE

Executed this 3 day of June, 2004, at PAISLEY SCOTLAND UK  
CITY, STATE or PROVINCE

**Henry RIDDOCH**

[Signature]  
SIGNATURE

Witness:

PETER WATSON

NAME

PW  
SIGNATURE

3/6/04

DATE