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FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

RECC



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents 103064329 1 original documents or copy thereof.

1. Name of conveying parties:  
**BIN WU**  
Additional name(s) & party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: Honeywell International Inc.  
Internal Address: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
101 Columbia Road  
City: Morristown State: NJ Zip: 07962  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: August 8, 2005

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)  
Serial No. 10/846,274 - Filed May 14, 2005  
Serial No. 60/485,732 - Filed July 10, 2003  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
OPR/FILED  
AUG 15 2005

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Larry J. Palguta  
Internal Address: Honeywell Law Department  
Street Address: \_\_\_\_\_  
3520 Westmoor Street  
City: South Bend State: IN Zip: 46628

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41) .....\$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number: 01-1125  
(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.*  
Larry J. Palguta  
Name of Person Signing [Signature] Signature August 11, 2005 Date  
Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

08/17/2005 6TUM11 00000032 011125 10446274  
01 FC:8021 50.00 BA

PATENT  
REEL: 016866 FRAME: 0007

**ASSIGNMENT**

Assignment before issue of Letters Patent

Honeywell File H0005814-3134

WHEREAS, **Bin Wu of 35 Hawleaf Crescent, Toronto, ON M2H 3H5, CANADA**

(hereinafter "Assignor") has invented certain new and useful improvements in

**SENSORLESS CONTROL METHOD AND APPARATUS FOR A MOTOR DRIVE SYSTEM**

hereinafter "invention") for which Assignor has made application for LETTERS PATENT OF THE UNITED STATES, which application was filed as Provisional Application Serial No. 60/485,732 on July 10, 2003, and subsequently filed as Non-Provisional Application Serial No. 10/846,274 on May 14, 2004.

AND WHEREAS, Honeywell International Inc. a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

8<sup>th</sup> day of August 2005

Bin Wu

