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

1. Name of conveying party(ies):
   Scott E. Heeren
   Bryan Scott Rowan

2. Name and address of receiving party(ies):
   Name: International Business Machines Corporation
   Street Address: New Orchard Road
   City: Armonk
   State: NY
   ZIP: 10504

Additional name(s) of conveying party(ies) attached __Yes XX No

Additional name(s) & address(es) attached? __Yes XX No

3. Nature of conveyance:
   XX Assignment
   Execution Date: 7/21/99 and 7/21/99

4. Application number(s) or patent number(s):
   09359930
   If this document is being filed together with a new application, the execution date of the application is: 7/21/99 and 7/21/99

A. Patent Application No.(s)  
B. Patent No.(s)  
   Additional numbers attached? __Yes XX No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: IBM Corporation
   Internal Address: Intellectual Property Law
   Street Address: 5600 Cottle Road (L2PA/0142)
   San Jose, CA 95193

6. Total Number of applications and patents involved: One

7. Total fee (37 CFR 3.41).........$ 40.00
   Enclosed
   XX Authorized to be charged to deposit account

8. Deposit Account Number: 09-0466

   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.

   Randall J. Bluestone
   Date 7/21/99

Total number of pages including cover sheet, attachments, and document: /2/
ASSIGNMENT

WHEREAS, I,

INVENTOR 
AND CITY (1) Scott E. Heeren, of San Jose, Santa Clara County, California; and

(2) Bryan Scott Rowan, of San Jose, Santa Clara County, California

have invented certain improvements in

TITLE APPARATUS AND METHOD FOR CONTROL OF A MULTI-POLE 
BRUSHLESS DC MOTOR IN THE EVENT OF SATURATION DETECTION

DATE THAT 
INVENTOR 
SIGNED THE DECLARATION 
and executed, respectively, a United States patent application therefor on

(1) 21 July, 1999
(2) 21 July, 1999

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.
Signed

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<td>Scott E. Heeren</td>
<td>Inventor's Full Name</td>
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