

07-30-1999



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US Department of Commerce
Patent & 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):

Scott E. Heeren
Bryan Scott Rowan

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

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) & 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

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any
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Randall J. Bluestone

Date

Total number of pages including cover sheet, attachments, and document: 12

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ASSIGNMENT

WHEREAS, I,

INVENTOR
AND CITY

- (1) **Scott E. Heeren**, of San Jose, Santa Clara County,
California; and
- (2) **Bryan Scott Rowan**, of ^{Los Gatos, ~~San Jose~~ ^{CA}}, 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

CITY (1) at SAN JOSE
INVENTOR Scott E. Heeren SIGNATURE
Inventor's Full Name
DATE on July 21, 1999

CITY (2) at SAN JOSE
INVENTOR Bryan Scott Rowan SIGNATURE
Inventor's Full Name
DATE on 21 July, 1999