

yes 8/19/99

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Form PTO-1595  
1-31-92

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

1. Name of conveying party(ies):  
Raymond A. CARR and Michael R. JOHNS

Additional name(s) of conveying party(ies) attached?  
☐ yes ☒ no

2. Name and address of receiving party(ies)?  
BRISTOL- MYERS SQUIBB COMPANY  
345 Park Avenue  
New York, New York 10154

Additional name(s) & address(es) attached?  
☐ yes ☒ no

09/377030  
08/19/99

3. Nature of Conveyance:  
X Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Names  
☐ Other

Execution Date: August 16, 1999

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: August 19, 1999

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:  
1

7. Total Fee (37 CFR 3.41): \$40.00  
X Check Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.  
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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.

John T. Callahan Reg. No. 32,607 August 19, 1999  
Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 3

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08-27-1999



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Form 84-2  
(Revised 4-24-84)ASSIGNMENT

(In the case of a single inventor the plural pronoun is meant to be singular. Reference to "inventions" and "discoveries" is meant also to apply to ornamental and industrial designs).

We, the below-named inventors for valuable consideration paid to us by Bristol-Myers Squibb Company, a Delaware corporation, having an office at 345 Park Avenue, New York, New York 10154 (hereinafter referred to as "assignee"), receipt whereof is hereby acknowledged, do hereby assign to assignee the entire right, title and interest in the United States of America, its territories and possessions, and in all countries other than the United States of America including the right of priority under the International Convention for the Protection of Industrial Property and under any other international arrangement to which the United States of America is now or hereafter becomes a signatory, in and to any and all of our inventions and discoveries in STEPPER MOTOR CONTROLLER FOR MICROSTEPPING A STEPPER MOTOR AND A METHOD FOR MICROSTEPPING A STEPPER MOTOR

as described and claimed in our application for Letters Patent of the United States of America, executed by us on \_\_\_\_\_, in and to any and all patents that issue on the aforesaid patent application, and in and to any continuations, reissues and renewals thereof, the same to be held and enjoyed by the assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all patents therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment had not been made.

And we hereby agree that we will at any time, upon the request and at the expense of the assignee, execute and deliver any and all documents that may be necessary or desirable to divide, continue, perfect, confirm, import or register and to reissue the title to the foregoing inventions and discoveries, patent or design applications, and patents and reissues and renewals thereof in the assignee, its successors, assigns or other legal representatives, and we will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of the assignee, its successors, assigns or other legal representatives.

We also hereby assign in all countries of the world any and all of our right, title and interest in and to any and all copyright property appertaining any drawings or other materials relating to the tangible means of expression and illustration of the said inventions and discoveries.

Name Raymond A. Carr Date 8/16/, 1999

  
Signature

State of Florida FLORIDA )  
County of Pinellas ) ss:

There appeared before me the person(s) above-named and acknowledged that they executed the same, of their own free will for the purpose set forth, on this 16<sup>th</sup> day of August, 1999

[Seal]



Christine M. Graham  
Commission # CG 823793  
Expires July 1, 2001  
Bonded Thru  
Atlantic Bonding Co., Inc.

Christine M. Graham  
Notary Public

Name Michael R. Johns Date Aug 16, 1999

  
Signature

State of Florida )  
County of Pinellas ) ss:

There appeared before me the person(s) above-named and acknowledged that they executed the same, of their own free will for the purpose set forth, on this 16<sup>th</sup> day of August, 1999

[Seal]



Christine M. Graham  
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