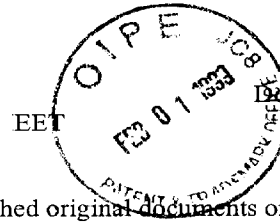


MRO
2-1-99

02-10-1999



100962394



Docket No. 1438-0007

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

1. Name of conveying party(ies): (1) Ulrich PFEIFFER, (2) Stephan JOEKEN, and (3) Tobias SEEBAUER

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

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

Name: PULSION Verwaltungs GmbH & Co., Medical Systems KG

Street Address: Kirchenstrasse 88, D-81675 Munchen Germany

City _____ State _____ ZIP _____

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

3. Name of Conveyance:

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other _____

Execution Date: (1) Nov. 9, 1998; (2) Nov. 11, 1998, and (3) Nov. 10, 1998

4. Application number(s) or patent number(s): 09/144,276

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

Title:

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:

Name: Donald R. Studebaker, SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, P.C.

Street Address: 8180 Greensboro Drive, Suite 800

City: McLean State: Virginia ZIP 22102

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: _____

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

DO NOT USE THIS SPACE

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.

Donald R. Studebaker

Name of Person Signing

Signature

1/23/99

Date

Total number of pages comprising cover sheet, attachments and document: 2

02/03/1999 ZABUALLA 00000041 09144276

04 FC:581

40.00 GP

PATENT
REEL: 9745 FRAME: 0691

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to PULSION Verwaltungs GmbH & Co. Medical Systems KG of Kirchenstrasse 88, D-81675 München Germany

its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

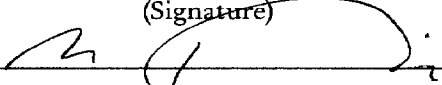
PROCESS AND DEVICES FOR DETERMINING THE INSTANT OF INJECTION AND THE DURATION OF INJECTION IN THERMODILUTION MEASUREMENTS


invented by us and described in the application for United States Letters Patent therefore, executed on even date herewith and all United States Letters Patent which may be granted therefore, and all divisions, continuations, reissues, reexaminations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said PULSION Verwaltungs GmbH & Co. Medical Systems KG, its successors, assigns or other legal representatives, 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 us if this assignment and sale had not been made;

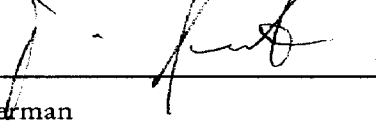
And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said PULSION Verwaltungs GmbH & Co. Medical Systems KG

(Full Name) (Signature)

1. Date 09-Nov-98 Inventor Ulrich PFEIFFER 
 Residence Same as Post Office Address Citizenship German
 Post Office Address Metzstrasse 29a D-81667 München, Germany

2. Date 11. Nov. 98 Inventor ^{Stephan}Stefan JOEKEN 
 Residence Same as Post Office Address Citizenship German
 Post Office Address c/o PULSION Verwaltungs GmbH & Co. Medical Systems KG, Kirchenstrasse 88 D-81675 München Germany

3. Date 10-11-98 Inventor ^{Tobias}T. Seebauer 
 Residence Same as Post Office Address Citizenship German
 Post Office Address c/o PULSION Verwaltungs GmbH & Co. Medical Systems KG, Kirchenstrasse 88, D-81675 München Germany

Witness(es)

(All) _____ 1) _____ 2) _____
 _____ 3) _____ 4) _____