

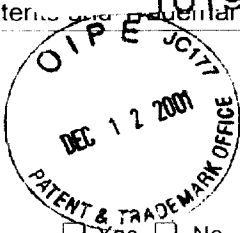
12-17-2001

U.S. DEPARTMENT OF COMMERCE
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12-12-01

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1. Name of conveying party(ies):
AVL MEDICAL INSTRUMENTS AG
Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: **F. HOFFMANN-LA ROCHE AG**
Internal Address:
Street Address: **Grenzacherstrasse 124**
CH- 4070 Basel
City: **SWITZERLAND** State: ZIP:
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: **September 11, 2001**

4. Application number(s) or patent numbers(s):
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s)
09/518,665 **09/661,382**
09/536,726 **09/576,958**
09/663,341
09/661,381
Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Richard H. Tushin**
Internal Address: **Dyckema Gossett P.L.L.C.**
Street Address: **Franklin Square, Third Floor West**
1300 I Street, NW
City: **Washington** State: **DC** ZIP: **20005**

6. Total number of applications and patents involved: **6**
7. Total fee (37 CFR 3.41):.....\$ **240.00**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
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8. Deposit account number:
04-2223
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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.

December 12, 2001
~~NOVEMBER 19, 2001~~

Richard T. Tushin, Reg. No. 27,297

Name of Person Signing

Signature

3

Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
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ASSIGNMENT

WHEREAS AVL MEDICAL INSTRUMENTS AG, a corporation of Switzerland and having its place of business at Grenzacherstrasse 124, CH-4070 Basel, Switzerland is the owner of the entire right, title and interest in and to U.S. Application Serial No. 09/518,665, filed March 3, 2000, for "ELECTROCHEMICAL SENSOR", as evidenced by the Assignment recorded at reel 010661, frames 0780-0782 (March 3, 2000), U.S. Application Serial No. 09/536,726, filed March 28, 2000, for "SYSTEM FOR QUANTITATIVE DETERMINATION OF THE LOCAL DISTRIBUTION OF A QUANTITY TO BE MEASURED", as evidenced by the Assignment recorded at reel 010650, frames 0875-0877 (March 28, 2000), U.S. Application Serial No. 09/663,341, filed September 15, 2000, for "ELECTROCHEMICAL MEASURING DEVICE WITH AN PLANAR SENSOR SUBSTRATE", as evidenced by the Assignment recorded at reel 011222, frames 0527-0530 (September 15, 2000), U.S. Application Serial No. 09/661,381, filed September 13, 2000, for "CHLORIDE-SENSITIVE ELECTRODE MEMBRANE", as evidenced by the Assignment recorded at reel 011223, frames 0160-0162 (September 13, 2000), U.S. Application Serial No. 09/661,382, filed September 13, 2000, for "METHOD AND DEVICE OF IMPROVING THE SHELF LIFE OF TONOMETERED FLUIDS", as evidenced by the Assignment recorded at reel 011101, frames 0135-0137 (September 13, 2000) and U.S. Application Serial No. 09/576,958, filed May 24, 2000, for "METHOD AND APPARATUS FOR DETERMINING AN INDICATOR WHICH IS DEPENDENT ON RESPIRATORY DATA", as evidenced by the Assignment recorded at reel 010821, frames 0701-0703 (May 24, 2000) (said patent applications);

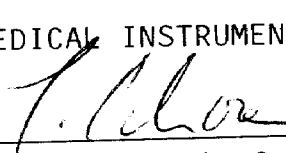
And Whereas F. HOFFMANN-LA ROCHE AG, a corporation of Switzerland and having its place of business at Grenzacherstrasse 124, CH-4070 Basel, Switzerland, is desirous of acquiring the entire right, title and interest in and to said patent applications;

NOW, THEREFORE, for \$10.00 and other good and valuable consideration in hand, receipt of which is hereby acknowledged, AVL MEDICAL INSTRUMENTS AG does hereby sell, assign, transfer and set over unto F. HOFFMANN-LA ROCHE AG, its legal representatives, successors, and assigns, the entire right, title and interest in and to said patent applications, including all rights of action and recovery for infringement thereof,

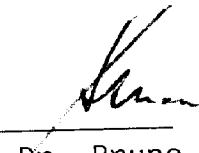
AVL MEDICAL INSTRUMENTS AG does hereby covenant and warrant that as of the date hereof it is the true and lawful owner of the entire right, title and interest in and to said patent applications and has the full right and power to convey the same, and that the same are free and clear of all liens, charges and encumbrances whatsoever.

On behalf of AVL MEDICAL INSTRUMENTS AG I set my hand and provide the corporate seal.

AVL MEDICAL INSTRUMENTS AG



Name: Dr. Severin Schwan



Dr. Bruno Maier

Title: (Member of the board of directors)

(Chairman of the board of directors)

Date: 9.11.2001