

09-04-1998



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To the Honorable Commissioner of Patents and Trademarks Please return the attached original document or copy thereof.

1. Names of conveying parties:

- 1) BENGT IVARSSON
- 2) ESA STENBERG
- 3)
- 4)
- 5)
- 6)

Additional names of conveying parties attached? ☐ Yes ☒ No

2. Name and address of receiving party:

Name: BIACORE AB

Internal Address: _____

Street Address: RAPSGATAN 7Postal Code & City: S-754 50 UPPSALACountry: SWEDENAdditional names & addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Dates:

- 1) AUGUST 18, 1998
- 2) AUGUST 17, 1998
- 3) _____
- 4) _____
- 5) _____
- 6) _____

4. Application number(s) or registration number(s):

If this document is being filed together with a new application,
the execution date of the application is _____A. Patent Application No(s):
09/043,006

B. Patent No(s): _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: SEED AND BERRY LLPInternal Address: THOMAS E. LOOP, ESQ.6300 COLUMBIA CENTERStreet Address: 701 FIFTH AVENUECity: SEATTLE State: WA ZIP: 98104-70926. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41): \$40☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

19-1090

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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.

THOMAS E. LOOP

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document 5

ASSIGNMENT

WHEREAS, I, Esa Stenberg (hereinafter referred to as ASSIGNOR), having a post office address of Folkungagatan 20 B, S-753 36 Uppsala, Sweden, am one of the joint inventors, along with Bengt Ivarsson, of an invention entitled "MONITORING OF REFRACTIVE INDEX OF OPTICAL SENSOR FOR DETERMINATION OF SURFACE STRUCTURE CHANGES," as described and claimed in the specification for which an application for United States letters patent was filed on March 2, 1998, and assigned Application No. 09/043,006; and

WHEREAS, Biacore AB (hereinafter referred to as ASSIGNEE), a corporation of the Country of Sweden having a place of business at Rapskatan 7, S-754 50 Uppsala, SWEDEN, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Esa Stenberg
Esa Stenberg

Date: August 12, 1998

I certify that I know or have satisfactory evidence that the above person signed this instrument of her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness [Signature]
LARS SWENMARK, SR.

Date: August 12, 1998

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(740073.442US)

ASSIGNMENT

WHEREAS, I, Bengt Ivarsson (hereinafter referred to as ASSIGNOR), having a post office address of Fögderivägen 22, S-740 22 Bälinge, Sweden, am one of the joint inventors, along with Esa Stenberg, of an invention entitled "MONITORING OF REFRACTIVE INDEX OF OPTICAL SENSOR FOR DETERMINATION OF SURFACE STRUCTURE CHANGES," as described and claimed in the specification for which an application for United States letters patent was filed on March 2, 1998, and assigned Application No. 09/043,006; and

WHEREAS, Biacore AB (hereinafter referred to as ASSIGNEE), a corporation of the Country of Sweden having a place of business at Rapskatan 7, S-754 50 Uppsala, SWEDEN, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Bengt Ivarsson
Bengt Ivarsson

Date: August 18, 1998

I certify that I know or have satisfactory evidence that the above person signed this instrument of his own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness [Signature]
LARS SVEN NERSTED

Date: August 16, 1998

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(740073.442US)