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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patent:



Original documents or copy thereof.

Receiving party(ies):

1. Name of conveying party(ies):

LEIF BROBERG
NILS GUSTAF BERGSTRÖM
HANSRUEDI CARISCH
ANDERS HOLMÉN

101016175

Name: Astra AktiebolagInternal Address: Intellectual Property - PatentsStreet Address: S-151 85City: Södertälje State: SWEDEN ZIP: _____Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Securities Agreement☐ Change of Name☐ OtherExecution Date: January 20, 24, and 25, 1999, and March 02, 1999

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

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

A. Patent Application No.(s)

29/099,854

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: White & Case LLPInternal Address: Patent DepartmentStreet Address: 1155 Avenue of the AmericasCity: New York State: NY ZIP: 10036 - 2787

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:

23-1703

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

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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.*Thelma A. Chen Cleland - Reg. No. 40,948

Name of Person Signing

Thelma A. Chen Cleland

Signature

April 12, 1999

Date

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ASSIGNMENT

WHEREAS, We, Nils Gustaf Bergström of Astra Tech AB, P.O. Box 14, S-431 21 Mölndal, Sweden; Leif Broberg of Astra Tech AB, P.O. Box 14, S-431 21 Mölndal, Sweden; Hansruedi Carisch of Hader S.A., Rue Jardinière 153, CH-2306 La Chaux-de-Fonds, Switzerland; and Anders Holmén of Astra Tech AB, P.O. Box 14 S-431 21 Mölndal, Sweden, ; citizens of Sweden, Sweden, Switzerland and Sweden, respectively; have made an invention entitled **DENTAL IMPLANT COMPONENT** for which we are about to make an application for registration of a design in the United States, which application claims priority from Swedish application No. **981487** filed on **29 July 1998**, and

WHEREAS, **Astra Aktiebolag**, a corporation organized and existing under the laws of **Sweden** and having an office for the transaction of business in Södertälje, Sweden, is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent there for, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we, the said INVENTORS, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said ASSIGNEE, and other valuable considerations unto us moving from said ASSIGNEE, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the said invention as set forth and described in the specification forming a part of the application for Letters Patent of the United States for **DENTAL IMPLANT COMPONENT** and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, including all priority rights under the Paris Convention, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND , the said INVENTORS, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said ASSIGNEE, as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns;

AND S, the said INVENTORS, for the considerations aforesaid, do hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said ASSIGNEE, its successors and assigns, may be required or necessary to more effectively secure to and vest in said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, benefits, privileges and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, we, the said INVENTORS, have hereunto set our hands and seal on the date below written.

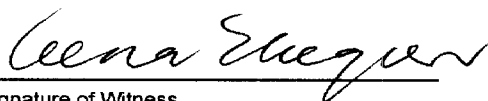
99 01 25

Date



By: Nils Gustaf Bergström

WITNESS:



Signature of Witness



Signature of Witness

Name and Address of Witness:

Leena Ekegren
Framnäsgr 14
S-412 64 GÖTEBORG

Name and Address of Witness:

Lisa Sokka
Fyrklöversg. 86
S-417 21 GÖTEBORG

(NOTE: The name and address of each witness should be typed or clearly printed below the signature of the witness.

990302
Date

Leif Broberg
By: Leif Broberg

WITNESS:

Roger Karlsson
Signature of Witness

Mats Jacobsson
Signature of Witness

Name and Address of Witness:

ROGER KARLSSON
RÄVEKÄRSK 1
S-431 33 MÖLNDAL

Name and Address of Witness:

MATS JACOBSSON
Buckhousg 3A
913 12 GÖTEBORG

(NOTE: The name and address of each witness should be typed or clearly printed below the signature of the witness.

Date

By: Hansruedi Carisch

WITNESS:

Signature of Witness

Signature of Witness

Name and Address of Witness:

Name and Address of Witness:

(NOTE: The name and address of each witness should be typed or clearly printed below the signature of the witness.)

990124

Date

Anders Holmén

By: Anders Holmén

WITNESS:

Leena Ekegren

Signature of Witness

Lisa Söke

Signature of Witness

Name and Address of Witness:

Leena Ekegren
Framnäsgr 14
S-412 64 GÖTEBORG

Name and Address of Witness:

Lisa Söke
Fyrklöversg. 86
S-417 21 GÖTEBORG

(NOTE:

The name and address of each witness should be typed or clearly printed below the signature of the witness.

ASSIGNMENT

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WHEREAS, **Astra Aktiebolag**, a corporation organized and existing under the laws of **Sweden** and having an office for the transaction of business in Södertälje, Sweden, is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent there for, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we, the said INVENTORS, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said ASSIGNEE, and other valuable considerations unto us moving from said ASSIGNEE, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the said invention as set forth and described in the specification forming a part of the application for Letters Patent of the United States for **DENTAL IMPLANT COMPONENT** and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, including all priority rights under the Paris Convention, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND , the said INVENTORS, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said ASSIGNEE, as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns;

AND S, the said INVENTORS, for the considerations aforesaid, do hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said ASSIGNEE, its successors and assigns, may be required or necessary to more effectively secure to and vest in said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, benefits, privileges and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, we, the said INVENTORS, have hereunto set our hands and sealon the date below written.

Date

By: Nils Gustaf Bergström

WITNESS:

Signature of Witness

Signature of Witness

Name and Address of Witness:

Name and Address of Witness:

(NOTE: The name and address of each witness should be typed or clearly printed below the signature of the witness.

Date

By: Leif Broberg

WITNESS:

Signature of Witness

Signature of Witness

Name and Address of Witness:

Name and Address of Witness:

(NOTE: The name and address of each witness should be typed or clearly printed below the signature of the witness.

20 January 1999

Date



By: Hansruedi Carisch

WITNESS:



Signature of Witness

Signature of Witness



Signature of Witness

Signature of Witness

Name and Address of Witness:

Name and Address of Witness:

*M.
Rene Graber
Chapeau Râble 5c
CH-2300 La Chaux-de-Fonds*

*Ms
Nicole Fournier
c/o Hodel SA
Rue Juchetière 153
CH-2300 La Chaux-de-Fonds*

(NOTE: The name and address of each witness should be typed or clearly printed below the signature of the witness.)

Date

By: Anders Holmén

WITNESS:

Signature of Witness

Signature of Witness

Name and Address of Witness:

Name and Address of Witness:

(NOTE: The name and address of each witness should be typed or clearly printed below the signature of the witness.