505362544 03/07/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RUDGER RUBBERT	05/23/2001
WERNER BUTSCHER	05/23/2001
FRIEDRICH RIEMEIER	05/23/2001
THOMAS WEISE	05/23/2001
ROHIT SACHDEVA	04/18/2001

RECEIVING PARTY DATA

Name:	ORAMETRIX, INC.
Street Address:	12740 HILLCREST ROAD
Internal Address:	SUITE 100
City:	DALLAS
State/Country:	TEXAS
Postal Code:	75230

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8047034

CORRESPONDENCE DATA

Fax Number: (312)913-0002

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 312 913 0001 Email: allen@mbhb.com

MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP **Correspondent Name:**

Address Line 1: 300 SOUTH WACKER DRIVE

Address Line 2: **SUITE 3100**

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER: 01-036-I THOMAS A. FAIRHALL NAME OF SUBMITTER: **SIGNATURE:** /Thomas Fairhall/ DATE SIGNED: 03/07/2019

Total Attachments: 10 source=01-036_ASSIGNMENT_asfiled#page1.tif source=01-036_ASSIGNMENT_asfiled#page2.tif source=01-036_ASSIGNMENT_asfiled#page3.tif source=01-036_ASSIGNMENT_asfiled#page4.tif source=01-036_ASSIGNMENT_asfiled#page5.tif source=01-036_ASSIGNMENT_asfiled#page6.tif source=01-036_ASSIGNMENT_asfiled#page7.tif source=01-036_ASSIGNMENT_asfiled#page8.tif source=01-036_ASSIGNMENT_asfiled#page9.tif source=01-036_ASSIGNMENT_asfiled#page9.tif source=01-036_ASSIGNMENT_asfiled#page10.tif

ASSIGNMENT

Case No. 01-036

Serial No.: 09/834,967

Filing Date: April 12, 2001 X
1 retition to conved filing date to April 13,2001 on file

Rüdger Rubbert, Werner Butscher, Friedrich Riemeier, Thomas Inventors:

Weise, Rohit Sachdeva

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

OraMetrix, Inc., a Delaware Corporation 12740 Hillcrest Road, Suite 100 Dallas, TX 75230

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

ROBOT AND METHOD FOR BENDING ORTHODONTIC ARCHWIRES AND OTHER MEDICAL DEVICES

and identified as:

Case No. 01-036

in the offices of McDonnell Boehnen Hulbert & Berghoff and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this $\frac{z^3}{day}$ of $\frac{way}{day}$, 2001.

Rüdger Rubbert

WITNESS my hand seal this day of, 2001.
Werner Butscher NOTARIZATION:
WITNESS my hand and seal this 23 day of
NOTARIZATION:
WITNESS my hand and seal this 24 day of, 2001. Thomas Weise

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	oregoing instrument v	oregoing instrument was acknown	Role Foregoing instrument was acknowledged 2001.	Rohit Sachdever Rohit Sachdeve	oregoing instrument was acknowledged before me this

Urkundenrolle Nummer 269/2001 des Notars K. Reinhardt in Berlin

File No. 269/2001

I hereby certify, that the above is the true signature respectively acknowledged in my presence of

Mr. Friedrich Riemeier, born 16.07.1958, living in Germany, Blücherstr. 36, 10961 Berlin, personally known to me,

Mr. Rüdger Rubbert, born 16.08.1958, living in Germany, Leonhardyweg 41, 12101 Berlin, personally known to me,

Mr. Werner Butscher, born 12.02.1960, living in Germany, Westfalenring 16 b, 12207 Berlin, identified by valid german identification card,

Mr. Thomas Weise, born 02.07.1957, living in Germany, Mehringdamm 91, 10965 Berlin, personally known to me.

Notary public explained to the signing person that according to the law § 3 Abs. 1 Nr. 7 BeurkG a notarization is not permitted, if the notary public himself or one of his associated partners has previously been occupied with this matter as a lawyer.

Berlin, 23. Mai 2001

Notal

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Gesamtbetrag	54,52 DM

Notar

ASSIGNMENT

Case No. 01-036

Serial No.: 09/834,967

Filing Date: April 12, 2001 X

petition to correct dithis date to april 13, 2001

Rüdger Rubbert, Werner Butscher, Friedrich Riemeier, Thomas Inventors:

Weise, Rohit Sachdeva

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

OraMetrix, Inc., a Delaware Corporation 12740 Hillcrest Road, Suite 100 Dallas, TX 75230

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

ROBOT AND METHOD FOR BENDING ORTHODONTIC ARCHWIRES AND OTHER MEDICAL DEVICES

and identified as:

Case No. 01-036

in the offices of McDonnell Boehnen Hulbert & Berghoff and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

1

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this	day of	, 2001.	
		Rüdger Rubbert	
		Kudget Kubbert	

INESS my nand seal this day of	, 2001.
	Werner Butscher
TARIZATION:	
NESS my hand and seal this day of	, 2001.
	Friedrich Riemeier
ARIZATION:	
TNESS my hand and seal this day of	, 2001.
	Thomas Weise

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WITNESS my hand and seal this 18 day of April, 2001.
Rohit Sachdeva
State of Texas County of Dallas
The foregoing instrument was acknowledged before me this day of, 2001.
NOTARY PUBLIC

PATENT REEL: 048528 FRAME: 0408

RECORDED: 03/07/2019