

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6670118

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KERSTIN ELSA MARIA JOHANSSON	02/16/2021
JOHAN MARTIN BRYNOLFSSON	03/17/2021
HANNICKA MARIA ELEONORA SAHLSTEDT	02/18/2021
RECEIVING PARTY DATA	
Name:	EXINI DIAGNOSTICS AB
Street Address:	IDEON SCIENCE PARK, SCHEELEVÄGEN 27, GATEWAY
City:	LUND
State/Country:	SWEDEN
Postal Code:	SE-223 70
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17008404
CORRESPONDENCE DATA	
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<i>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.</i>	
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Correspondent Name:	CHOATE HALL & STEWART LLP-PATENT DOCKET
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ATTORNEY DOCKET NUMBER:	2010358-0191
NAME OF SUBMITTER:	RONEN ADATO, PHD
SIGNATURE:	/Ronen Adato/
DATE SIGNED:	04/22/2021
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 8	
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COMBINED JOINT ASSIGNMENT & DECLARATION

A. ASSIGNMENT

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

Inventor Name	City, State
1. Kerstin Elsa Maria Johnsson	Lund, Sweden
2. Johan Martin Brynolfsson	Helsingborg, Sweden
3. Hannicka Maria Eleonora Sahlstedt	Malmö, Sweden

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent application(s) entitled:

SYSTEMS AND METHODS FOR DEEP-LEARNING-BASED SEGMENTATION OF COMPOSITE IMAGES; and

prepared for filing in the United States Patent and Trademark Office; or

identified by United States Application No. 17/020161
filed in the United States Patent and Trademark Office on September 14, 2020 ;

identified by United States Application No. 17/008404
filed in the United States Patent and Trademark Office on August 31, 2020 ; and

identified by International Patent Application No. _____
filed on _____ ; and

and is also aware of the following priority applications:

Application No.	Filed
63/014637	April 23, 2020

WHEREAS, **EXINI Diagnostics AB** (hereinafter “ASSIGNEE”), having a usual place of business at **Ideon Science Park, Scheelevägen 27, Gateway, SE-223 70 Lund, SWEDEN**, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and

valuable consideration, the receipt of which is hereby acknowledged, each of us hereby confirms, agrees, and/or declares that:

1. I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above, including any right of priority thereto; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application;

2. My sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including any divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by me had this sale, assignment and transfer not been made;

3. This Assignment, being of my entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

4. I, or my executor(s) and/or administrator(s) will execute upon request any other lawful documents and likewise will perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts I know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

5. I hereby authorize ASSIGNEE or its attorneys or agents to insert the correct application number(s) and/or filing date(s) into this assignment document, if appropriate;

6. I hereby appoint ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

7. I hereby request the Commissioner for Patents of the United States Patent and Trademark Office to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

8. I hereby covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

B. DECLARATION (37 CFR 1.63)

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

SYSTEMS AND METHODS FOR DEEP-LEARNING-BASED SEGMENTATION OF COMPOSITE IMAGES; and

attached hereto or prepared for filing in the United States Patent and Trademark Office; or

identified by United States Application No. 17/020161
filed in the United States Patent and Trademark Office on September 14, 2020; or

identified by United States Application No. 17/008404
filed in the United States Patent and Trademark Office on August 31, 2020; or

identified by International Patent Application No. _____
filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the application, including the claims and am aware of the duty to disclose to the United States Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR 1.56.

Signature: Kerstin Johansson
Kerstin Elsa Maria Johansson

Date: 16 Feb 2021

Witness Signature: Magnus Linderoth

Witness Name (printed): Magnus Linderoth

Witness Signature: Anders Johansson

Witness Name (printed): Anders Johansson

Signature: John Brynolfsson
Johan Martin Brynolfsson

Date: 2021-03-17

Witness Signature: Anette von Porat

Witness Name (printed): ANETTE VON PORAT

Witness Signature: Emma Wiking

Witness Name (printed): Emma Wiking

Signature: *Hannika Maria Eleonora Sahlstedt*
Hannika Maria Eleonora Sahlstedt

Date: 18/2 2021

Witness Signature: *Johannes Elshant*
Witness Name (printed): Johannes Elshant

Witness Signature: *Peter Wallis*
Witness Name (printed): PETER WALLIS

The ASSIGNEE hereby acknowledges and accepts the foregoing assignment.

The undersigned (whose title is supplied below) is authorized to act on behalf of the ASSIGNEE.

Signature:  _____

Date: April 13, 2021

Name (printed): Daniel M. Niedzwiacki

Title (printed): Vice President, Deputy General Counsel & Secretary