

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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EPAS ID: PAT7168486

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IVO RANGELOW	01/10/2022
XIANG-QIAN ZHOU	01/10/2022
DIMITRE KARPUZOV	01/11/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PARCAN NANOTECH CO., LTD.
<b>Street Address:</b>	CHENGBEI ROAD NO. 1355 (SHANGHAI UNIVERSITY SCIENCE AND TECHNOLOGY PARK) JIADING DISTRICT
<b>Internal Address:</b>	3RD FLOOR, BUILDING E
<b>City:</b>	SHANGHAI
<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17421379
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	646-971-0685
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<b>Correspondent Name:</b>	ANDREW D. BOCHNER
<b>Address Line 1:</b>	295 MADISON AVE
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<b>NAME OF SUBMITTER:</b>	ANDREW D. BOCHNER
<b>SIGNATURE:</b>	/Andrew D Bochner/
<b>DATE SIGNED:</b>	02/10/2022
<b>Total Attachments: 3</b>	
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### PATENT ASSIGNMENT

This agreement (the "Agreement") is made as of this 11<sup>th</sup> day of Jan 2021, by and between Ivo RANGELOW residing in Baunatal, Germany, Xiang-Qian ZHOU residing in Shenzhen, China, and Dimitre KARPUZOV residing in Woodstock, Canada, ("ASSIGNORS"), and PARCAN NANOTECH CO., LTD., having an address of: 3<sup>rd</sup> Floor, Building E, Chengbei Road No. 1355 (Shanghai University Science and Technology Park) Jiading District, Shanghai, China (hereinafter, "ASSIGNEE") (ASSIGNOR and ASSIGNEE collectively referred to as the "Parties").

WHEREAS, ASSIGNORS have invented certain subject matter related to: **SUBSTRATE FOR A CONTROLLED IMPLANTATION OF IONS AND METHOD OF PREPARING A SUBSTRATE FOR A CONTROLLED IMPLANTATION OF IONS**, including one or more inventions disclosed in United States Patent Application Serial No. 17/421,379, which together with related designs, methods, apparatuses, experimental data, trade secrets, and other know-how, is referred to hereinafter collectively as the INVENTION(S);

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest in, to and under said INVENTIONS, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the ASSIGNEE, its successors and assigns his or her entire title, right, and interest in and to the INVENTIONS, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTIONS by said application(s) or any continuation, continuation-in-part, divisional, national phase, regional phase, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in the United States or in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment also includes the entire title, right, and interest in any applications for protecting the INVENTIONS filed under any international agreements, including, without limitation, the Patent Cooperation Treaty. For the further avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the INVENTIONS in any jurisdiction.

Each ASSIGNOR declares as follows: "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."

ASSIGNORS hereby authorize and request ASSIGNEE's attorney to insert or correct above the relevant application number(s) and filing date(s) of said application(s) when known.

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ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said INVENTIONS, including the patent application or patent applications listed above and any related applications filed under international agreements and/or in foreign countries, and any Letters Patent in the United States and legal equivalents in foreign countries issuing therefrom as may be known and accessible to ASSIGNORS, and will testify as to the same in any administrative proceeding, litigation, or other proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to perfect title to, apply for, obtain, maintain, issue and enforce said INVENTIONS and said Letters Patent and said equivalents thereof in any jurisdiction which may be necessary or desirable to carry out the purposes thereof.

This assignment embodies the entire understanding of ASSIGNORS and ASSIGNEE regarding assignment of the INVENTIONS and supersedes and replaces any and all pre-existing assignments or understandings between ASSIGNORS and ASSIGNEE regarding assignment of the INVENTIONS. No amendment or modification of this assignment shall be valid or binding upon ASSIGNORS or ASSIGNEE unless made in writing and signed on behalf of each of ASSIGNORS and ASSIGNEE by their respective duly authorized representative.

ASSIGNORS acknowledge that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said INVENTIONS and ASSIGNORS further acknowledge that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNORS and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNORS and any attorney or practitioner appointed by ASSIGNEE, in this or in any other family applications.

This assignment may be executed in any number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

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IN WITNESS THEREOF, the parties hereto have caused this ASSIGNMENT to be executed as of the date first above set forth.

ASSIGNOR:

Name: Ivo RANGELOW

Signature: X [Signature]

Date: X 10.01.2022

ASSIGNOR: Xiang-Qian ZHOU

Name: Xiang-Qian ZHOU

Signature: X [Signature]

Date: X 10.01.2022

ASSIGNOR: Dimitre KARPUZOV

Name: DIMITRE KARPUZOV

Signature: X [Signature]

Date: X 11.01.2022

ACKNOWLEDGED AND ACCEPTED BY ASSIGNEE:

PARCAN NANOTECH CO., LTD.

Name: X Parcan Nanotech Date: X 10.07.2022

By: X [Signature]

Title: X General Manager

