

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7134976

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
SM RESEARCH INC.	06/23/2021

RECEIVING PARTY DATA

Name:	MOLARRAY RESEARCH INC.
Street Address:	30 WEST BEAVER CREEK ROAD
Internal Address:	UNIT 3 & 4
City:	RICHMOND HILL, ONTARIO
State/Country:	CANADA
Postal Code:	L4B 3K1

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16148282
Application Number:	16461565

CORRESPONDENCE DATA**Fax Number:**

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: 4167216543
Email: ashgriz@uipatent.com
Correspondent Name: NASSER ASHGRIZ
Address Line 1: 1510-7805 BAYVIEW AVE
Address Line 4: THORNHILL, ONTARIO L3T 7N1

NAME OF SUBMITTER:	NASSER ASHGRIZ
SIGNATURE:	/Nasser Ashgriz/
DATE SIGNED:	01/22/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

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PATENT AND IP ASSIGNMENT AGREEMENT

THIS PATENT ASSIGNMENT dated effective as of the 23rd of June, 2021.

BETWEEN:

SM RESEARCH INC., a Canadian corporation in the city of Richmond Hill, in the Province of Ontario (the "**Assignor**")

and

MOLARRAY RESEARCH INC., a Canadian corporation incorporated under the provincial laws of Ontario (the "**Assignee**")

WHEREAS the Assignor has agreed to transfer, convey, assign and deliver unto the Assignee and the Assignee has agreed to acquire and accept from the Assignor, all of the Assignor's right, title and interest, including all goodwill arising therefrom, which the Assignor may have acquired or has acquired, worldwide, in and to the inventions disclosed in the patent application described in Schedule "A" (the "**Invention**").

NOW THEREFORE, for and in consideration of the sum of \$10.00 and other good and valuable consideration) the receipt and sufficiency of which is acknowledged, the Assignor does hereby agree as follows:

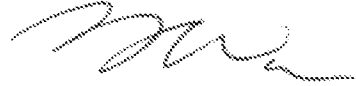
1. The Assignors hereby transfer, convey, assign and set over unto the Assignee the Assignors' entire right, title and interest in and to the Invention, together with the Assignors' entire right, title, and interest in and to the patent applications set forth in Schedule "A" hereto (the "Applications"), including any and all corresponding applications, whether in the form of non-provisionals, divisions, continuations, continuations-in-part, reissues, re-examinations, renewals and extensions thereof claiming priority to the Applications or any applications corresponding to the Applications, all rights to priority resulting from the filing of the Applications, any previously filed applications in respect of the Inventions under international conventions, treaties or otherwise, and any and all Letters Patents for the Invention that may issue or result therefrom such applications (collectively, the "**Patents**"), and all claims for profits or damages by reason of past infringement of any of the Patents, together with the right to sue for and collect such profits and damages for the Assignee's own use and enjoyment and for the use and enjoyment of the Assignee's successors and assigns.
2. If required, the Assignors hereby authorize any official whose duty is to grant patents, to issue or transfer ownership of the Patents to the Assignee as assignee of the entire right, title and interest therein or otherwise as the Assignee may direct, in accordance with this Patent Assignment.

3. The Assignors shall at any time and from time to time upon request, at the expense of the Assignee, promptly execute and deliver any and all papers and documents and do all other lawful acts as the Assignee, in its reasonable judgement, shall deem to be necessary or desirable in order to perfect the title to the Patents in the Assignee and its successors and assigns.
4. The Assignors, on behalf of themselves and their assigns, heirs or other legal representatives, do hereby authorize the Assignee, its successors, assigns, nominees or other legal representatives to amend this Patent Assignment to insert or correct any identifying information of the Patents as may be needed to record same.
5. This Patent Assignment and all of the terms and provisions hereof shall inure to the benefit of the Assignee and its successors and assigns and shall be binding upon the Assignors and their personal representative and heirs.
6. This Patent Assignment may be executed in as many counterparts as may be necessary, each of which so executed shall be deemed to be an original and each signed copy sent by facsimile or other means of electronic transmission producing a printed copy shall be deemed to be an original, and such counterparts together shall constitute one and the same document and notwithstanding the date of execution shall be deemed to be effective as of the date set forth above.

Signature page follows

IN WITNESS WHEREOF the parties hereto have duly executed this Agreement as of the date first written above.

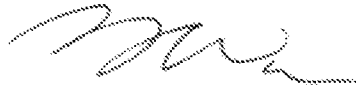
SM RESEARCH INC.



Name: Dr. Yuanmin Wu
Title: CEO

I have authority to bind the corporation

MOLARRAY RESEARCH INC.



Name: Dr. Yuanmin
Wu
Title: CEO

I have authority to bind the corporation



Witness

SCHEDULE "A"

PATENT APPLICATIONS

PATENT TITLE: A MICRO-PIPETTE TIP FOR FORMING MICRO-DROPLETS

Filed in

No.	Date	Office	Application No.
1	Oct-01-2018	USPTO	16148282
2	Sep-19-2019	PCT	PCT-CA2019-051330
3	Sep-19-2019	CIPO	3111609
4	Apr. 01, 2021	China	201980065110.7
5	Mar. 14, 2021	Euro	19868738.6
6	Mar. 27, 2021	India	202117013643
7	Mar. 10, 2021	Japan	特願 2021-514392

PATENT TITLE: SYSTEM AND APPARATUS FOR AUTOMATED SAMPLE EXTRACTING OF BIOLOGICAL SPECIMENS

Filed in:

No.	Date	Office	Application No.
1	Feb-27-2020	PCT	PCT-CA2020-050258

PATENT TITLE: BIOLOGIC SAMPLE PREPARATION SYSTEM AND RELATED METHOD

Filed in:

No.	Date	Office	Application No.
1	Nov-18-2016	PCT	PCT-IB2016-001641
2	May-16-2019	USPTO	16461565
3	Nov-18-2016	CIPO	3045249
4	May-17-2019	China	201680090894.5
5	May-09-2019	Euro	16921703.1
6	May-08-2019	India	201917018335
7	May-14-2019	Japan	2019-526613

SCHEDULE "A"

PATENT APPLICATIONS

PATENT TITLE: A RANDOM ACCESS REAL-TIME QUANTITATIVE POLYMERASE CHAIN REACTION (qPCR) REACTOR SYSTEM

Filed in:

No.	Date	Office	Application No.
1	May-19-2020	PCT	PCT-CA2020-000062

PATENT TITLE: PORTABLE AUTOMATIC ONE-STEP NUCLEIC ACID DETECTION MACHINE

Filed in:

No.	Date	Office	Application No.
1	Jan-06-2021	PCT	PCT-CA2021-000002