PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5097986

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| DAVID PRYSTUPA | 07/25/2018 |
| JOHN PACAK | 07/25/2018 |

RECEIVING PARTY DATA

| Name: | SPECTRUM SCIENTIFIC INC. | |
|-----------------|--------------------------|--|
| Street Address: | BOX 883 | |
| City: | PINAWA | |
| State/Country: | CANADA | |
| Postal Code: | R0E 1L0 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15987279 |

CORRESPONDENCE DATA

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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.

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| ATTORNEY DOCKET NUMBER: 87518-3US / ADB | | |
|---|----------------------|--|
| NAME OF SUBMITTER: | ADRIAN D. BATTISON | |
| SIGNATURE: | /Adrian D. Battison/ | |
| DATE SIGNED: | 08/17/2018 | |

Total Attachments: 2

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PATENT 505051232 REEL: 046848 FRAME: 0306

ASSIGNMENT

We, David Prystupa whose full post office address is Box 883, Pinawa, Manitoba, R0E 1L0, Canada, and John Pacak whose full post office address is 213 Kingston Row, Winnipeg, MB, R2M 1L0, Canada, in consideration of \$1.00 and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby sell and assign to Spectrum Scientific Inc., whose full post office address is Box 883, Pinawa, Manitoba, R0E 1L0, Canada, all our interest in the United States, Canada and in all other countries in and to our invention relating to HIGH EFFICIENCY MULTIPLEXING, as fully described and claimed in our United States provisional application for a patent for such invention, filed May 25, 2017, under Serial No. 62/510,825, and United States application for a patent for such invention, filed May 23, 2018 under Serial No 15/987,279 and any and all divisional and continuation applications, together with the right to claim priority from said application under the International Convention and the entire right, title and interest in and to said application, and in and to any and all other applications filed for said invention, including said any and all divisional and continuation applications and any and all applications claiming priority from said application under the International Convention, and the entire right, title and interest in and to and any and all Letters Patent which may issue or be re-issued for said invention to the full end of the term for which each said Letters Patent may be granted; and hereby authorize the issuance to said assignee of any and all said Letters Patent not already issued as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said assignee, its successors, assigns or legal representatives; and hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications, and other instruments as may reasonably be required by said assignee, its successors, assigns or legal representatives, to obtain any and all Letters Patent for said invention and vest the same in said assignee, its successors, assigns or legal representatives.

Signed at Winnipea, Manifoka, Canada (city/town) province/state, country)

This 25 day of Tuly, 2018 (year)

WITNESS:

(witness signature)

signature of **David Prystuba**

PATENT REEL: 046848 FRAME: 0307 Signed at WINNIPEC, MANITORA CANADA (city/town, province/state, country)

This 25th day of JULY, 20 18 (year)

WITNESS:

(witness signature)

signature of John Pacak

PATENT REEL: 046848 FRAME: 0308

RECORDED: 08/17/2018