

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5240369

|   |                                |
|---|--------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                 |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                     |
| <b>CONVEYING PARTY DATA</b>   |                                |
| <b>Name</b>   | <b>Execution Date</b>          |
| SANDEL AURELIAN ZAHARIA   | 11/14/2018                     |
| MARIAN APOSTOL  | 11/14/2018                     |
| SILVIU IONITA   | 11/14/2018                     |
| VASILE GABRIEL IANA   | 11/14/2018                     |
| CRISTIAN MONEA  | 11/14/2018                     |
| LAURENTIU-MIHAI IONESCU   | 11/14/2018                     |
| DANIEL CONSTANTIN ANGHEL  | 11/14/2018                     |
| MADALIN EUGEN ILIE  | 11/14/2018                     |
| ALEXANDRU FLORIAN VARGA   | 11/14/2018                     |
| <b>RECEIVING PARTY DATA</b>   |                                |
| <b>Name:</b>  | MIRA TECHNOLOGIES GROUP S.R.L. |
| <b>Street Address:</b>  | 13 NICOLAE GRIGORESCU ST.      |
| <b>City:</b>  | OTOPENI, ILFOV COUNTY          |
| <b>State/Country:</b>   | ROMANIA                        |
| <b>Postal Code:</b>   | 075100                         |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                |
| <b>Property Type</b>  | <b>Number</b>                  |
| Application Number:   | 16302040                       |
| <b>CORRESPONDENCE DATA</b>  |                                |
| <b>Fax Number:</b>  | (619)696-7124                  |
| <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>   | 619-696-6700                   |
| <b>Email:</b>   | ipdocket@gordonrees.com        |
| <b>Correspondent Name:</b>  | GORDON & REES LLP              |
| <b>Address Line 1:</b>  | 101 WEST BROADWAY, SUITE 1600  |
| <b>Address Line 2:</b>  | DAVID R. HECKADON              |
| <b>Address Line 4:</b>  | SAN DIEGO, CALIFORNIA 92101    |
| <b>ATTORNEY DOCKET NUMBER:</b>  | MIRATECH-PEND                  |
| <b>NAME OF SUBMITTER:</b>   | DAVID R. HECKADON              |

PATENT

|   |                     |
|---|---------------------|
| <b>SIGNATURE:</b>   | /DAVID R. HECKADON/ |
| <b>DATE SIGNED:</b>   | 11/15/2018          |
| <b>Total Attachments: 4</b><br>source=Signed Assignment MIRATECH-PEND#page1.tif<br>source=Signed Assignment MIRATECH-PEND#page2.tif<br>source=Signed Assignment MIRATECH-PEND#page3.tif<br>source=Signed Assignment MIRATECH-PEND#page4.tif |                     |

**ASSIGNMENT - WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

**MIRA TECHNOLOGIES GROUP S.R.L.  
13 Nicolae Grigorescu St.  
Otopeni, Ilfov County  
Romania 075100**

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

**MOBILE DETECTOR AND METHOD FOR DETECTING POTENTIALLY  
EXPLOSIVE SUBSTANCES, EXPLOSIVES AND DRUGS BY NUCLEAR  
QUADRUPOLE RESONANCE (NQR)**

as set forth in Patent Application

*check one*      ☐ ] executed concurrently herewith,  
                     ☐ ] executed on \_\_\_\_\_,  
                     ☒ X ] Serial No. 16/302,040    Filed November 15, 2018

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to

ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

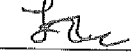
ASSIGNOR HEREBY GRANTS to the law firm of **Gordon & Rees LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Gordon & Rees LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

**NAME AND SIGNATURE OF INVENTOR**

Name: Sandel Aurelian ZAHARIA SIGNATURE  Date 14.11.2018

**NAME AND SIGNATURE OF WITNESSES**

Name: TILICA GEORGETA SIGNATURE  Date 14.11.2018

Name: GHITA CONSTANIN SIGNATURE  Date 14.11.2018

**NAME AND SIGNATURE OF INVENTOR**

Name: Marian APOSTOL SIGNATURE  Date 14.11.2018

**NAME AND SIGNATURE OF WITNESSES**

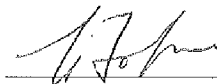
Name: TILICA GEORGETA SIGNATURE  Date 14.11.2018

Name: GHITA CONSTANIN SIGNATURE  Date 14.11.2018

**NAME AND SIGNATURE OF INVENTOR**

Name: Silviu IONITA

SIGNATURE



Date 14-11-2018

**NAME AND SIGNATURE OF WITNESSES**

Name: NEACSU CRISTINA SIGNATURE ch Date 14.11.2018

Name: OPROESCU MIHAI SIGNATURE ch Date 14.11.2018

**NAME AND SIGNATURE OF INVENTOR**

Name: Vasile Gabriel IANA

SIGNATURE



Date 14-11-2018

**NAME AND SIGNATURE OF WITNESSES**

Name: NEACSU CRISTINA SIGNATURE ch Date 14-11-2018

Name: OPROESCU MIHAI SIGNATURE ch Date 14.11.2018

**NAME AND SIGNATURE OF INVENTOR**

Name: Cristian MONEA

SIGNATURE



Date 14.11.2018

**NAME AND SIGNATURE OF WITNESSES**

Name: TILICA GEORGETA SIGNATURE ch Date 14-11-2018

Name: CRITA CONSTANTIN SIGNATURE ch Date 14.11.2018

**NAME AND SIGNATURE OF INVENTOR**

Name: Laurentiu-Mihai IONESCU

SIGNATURE



Date 14-11-2018

**NAME AND SIGNATURE OF WITNESSES**

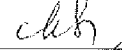
Name: NEACSU CRISTINA SIGNATURE ch Date 14-11-2018

Name: OPROESCU MIHAI SIGNATURE ch Date 14.11.2018

**NAME AND SIGNATURE OF INVENTOR**

Name: Daniel Constantin ANGHEL SIGNATURE  Date 14.11.2018

**NAME AND SIGNATURE OF WITNESSES**

Name: NEACȘU CRISTINA SIGNATURE  Date 14.11.2018

Name: OPRODESCU MIHAIL SIGNATURE  Date 14.11.2018

**NAME AND SIGNATURE OF INVENTOR**

Name: Madalin Eugen ILIE SIGNATURE  Date 14.11.2018

**NAME AND SIGNATURE OF WITNESSES**

Name: TILICĂ GEORGETA SIGNATURE  Date 14-11-2018

Name: GHIȚA CONȘTANTIN SIGNATURE  Date 14.11.2018

**NAME AND SIGNATURE OF INVENTOR**

Name: Alexandru Florian VARGA SIGNATURE  Date 14-11-2018

**NAME AND SIGNATURE OF WITNESSES**

Name: TILICĂ GEORGETA SIGNATURE  Date 14-11-2018

Name: GHIȚA CONȘTANTIN SIGNATURE  Date 14.11.2018