

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT             |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                 |
| <b>CONVEYING PARTY DATA</b>   |                            |
| <b>Name</b>   | <b>Execution Date</b>      |
| PETER N. KAUFMAN  | 04/28/2017                 |
| HOWARD E. CARPENTER   | 04/28/2017                 |
| <b>RECEIVING PARTY DATA</b>   |                            |
| <b>Name:</b>  | DIGITAL DIRECT IR, INC.    |
| <b>Street Address:</b>  | 6121 183RD STREET          |
| <b>City:</b>  | FRESH MEADOWS              |
| <b>State/Country:</b>   | NEW YORK                   |
| <b>Postal Code:</b>   | 11365                      |
| <b>PROPERTY NUMBERS Total: 1</b>  |                            |
| <b>Property Type</b>  | <b>Number</b>              |
| <b>Application Number:</b>  | 16241593                   |
| <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> |                            |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 474-7CON                   |
| <b>NAME OF SUBMITTER:</b>   | FRANK VICTOR DEROSA        |
| <b>SIGNATURE:</b>   | /Frank DeRosa/             |
| <b>DATE SIGNED:</b>   | 05/11/2021                 |
| <b>Total Attachments: 2</b>   |                            |
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| source=474-7CON_Assignment#page2.tif  |                            |

**ASSIGNMENT**

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: **SPHERICAL DETECTOR ARRAYS IMPLEMENTED USING PASSIVE DETECTOR STRUCTURES FOR THERMAL IMAGING APPLICATIONS**

and further identified by the Attorney Docket No. provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

**Serial Number: 15/523,343, filed on April 28, 2017.**

Whereas, **DIGITAL DIRECT IR, INC.**, a corporation of New York having a place of business in Fresh Meadows, New York, desires to acquire, and each undersigned Inventor desires to grant to **DIGITAL DIRECT IR, INC.**, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

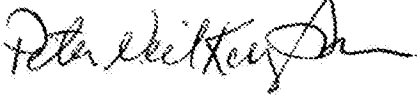
Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to **DIGITAL DIRECT IR, INC.** (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to **DIGITAL DIRECT IR, INC.**, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by **DIGITAL DIRECT IR, INC.**, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned Inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in **DIGITAL DIRECT IR, INC.**, its successors, legal representatives, and assigns, whenever requested by **DIGITAL DIRECT IR, INC.**, its successors, legal representatives, or assigns.

Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to **DIGITAL DIRECT IR, INC.** and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants **DIGITAL DIRECT IR, INC.**, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent application Serial Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

[Inventor Signature Page(s) Follows]


**Executed by Inventor 1**

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Signature:  Date: April 28, 2017  
**Peter N. Kaufman**

**Executed by Inventor 2**

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Signature:  Date: April 28, 2017  
**Howard E. Carpenter**