

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARKUS HESSE	01/10/2022
TINA EBERT	02/08/2022
GABRIEL SCHAUMANN	02/28/2022
MARKUS ROTH	02/15/2022
RECEIVING PARTY DATA	
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State/Country:	GERMANY
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17625402
CORRESPONDENCE DATA	
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<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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Address Line 4:	DETROIT, MICHIGAN 48243
ATTORNEY DOCKET NUMBER:	LIFE02-04
NAME OF SUBMITTER:	BERND AXEL NIX
SIGNATURE:	/Axel Nix/
DATE SIGNED:	03/02/2022
Total Attachments: 6	
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PATENT

REEL: 059148 FRAME: 0334

COMBINED ASSIGNMENT AND DECLARATION

ASSIGNMENT

We,

Markus HESSE

Martin-Buber-Straße 46
64287 Darmstadt
Germany

Tina EBERT

Mathildenstr. 5
64285 Darmstadt
Germany

Gabriel SCHAUMANN

Emilstr. 44
64293 Darmstadt
Germany

Markus ROTH

Sandgasse 6
64347 Griesheim
Germany

have invented certain new and useful improvements (“Invention”) that are disclosed and/or claimed in the following patent application (“Application”):

International Patent Application entitled “MACROPIXEL AND MACROPIXEL-BASED PARTICLE AND RADIATION DETECTOR,”
Application No. PCT/EP2020/069137, filed 07-Jul-2020.

Technische Universität Darmstadt, having a place of business at Karolinenplatz 5, 64289 Darmstadt, Germany, on behalf of itself and its successors and assigns (“Assignee”) is entitled to and is desirous of acquiring the entire and exclusive rights, title and interest in and to the Invention, the Application, and all other applications and patents derived therefrom in and for the United States.

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and transferred and by this present instrument, hereby sell, assign and transfer unto the Assignee, the full and exclusive rights, title and interest, including the right to claim priority, in and to the Invention, the Application, and any and all divisions or continuations thereof, and in and to any and all Letters Patents of the United States which may issue on any such application or for the Invention, including any and all reissues or extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to the Assignee as the assignee of our entire right, title and interest in and to the same, for the sole use and benefit of the Assignee to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made.

DECLARATION

As an above-named inventor, I hereby declare that:

1. The above-identified application was made or authorized to be made by me.
2. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
3. 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.

SIGNATURE SHEET

(inventors may sign separate sheets)

Date: 04/10/2022



(SIGNATURE OF INVENTOR)
Markus HESSE

Date: _____

(SIGNATURE OF INVENTOR)
Tina EBERT

Date: _____

(SIGNATURE OF INVENTOR)
Gabriel SCHAUMANN

Date: _____

(SIGNATURE OF INVENTOR)
Markus ROTH

SIGNATURE SHEET

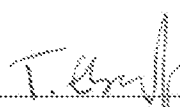
(inventors may sign separate sheets)

Date: _____

(SIGNATURE OF INVENTOR)

Markus HESSE

Date: 08.07.2022



(SIGNATURE OF INVENTOR)

Tina EBERT

Date: _____

(SIGNATURE OF INVENTOR)

Gabriel SCHAUMANN

Date: _____

(SIGNATURE OF INVENTOR)

Markus ROTH

SIGNATURE SHEET

(inventors may sign separate sheets)

Date: _____

(SIGNATURE OF INVENTOR)

Markus HESSE

Date: _____

(SIGNATURE OF INVENTOR)

Tina EBERT

Date: 28.02.2022



(SIGNATURE OF INVENTOR)

Gabriel SCHAUMANN

Date: _____

(SIGNATURE OF INVENTOR)

Markus ROTH

SIGNATURE SHEET

(inventors may sign separate sheets)

Date: _____

(SIGNATURE OF INVENTOR)

Markus HESSE

Date: _____

(SIGNATURE OF INVENTOR)

Tina EBERT

Date: _____

(SIGNATURE OF INVENTOR)

Gabriel SCHAUMANN

Date: 15.2.2022



(SIGNATURE OF INVENTOR)

Markus ROTH