

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GERWIN DAMBERG	06/04/2015
WOLFGANG HEIDRICH	06/18/2015
JAMES GREGSON	06/04/2015
RECEIVING PARTY DATA	
Name:	MTT INNOVATION INCORPORATED
Street Address:	155 W 3RD AVENUE
City:	VANCOUVER, BRITISH COLUMBIA
State/Country:	CANADA
Postal Code:	V5Y 1E6
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18079802
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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Email:	mail@patentable.com
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Address Line 2:	SUITE 480
Address Line 4:	VANCOUVER, BC, CANADA V6B 1G1
ATTORNEY DOCKET NUMBER:	B997 0066-US/TAR
NAME OF SUBMITTER:	TODD A. RATTRAY
SIGNATURE:	/ToddARatray/
DATE SIGNED:	12/13/2022
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4	
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**CONFIRMATION OF OWNERSHIP AND CONFIRMATORY ASSIGNMENT OF
INVENTION AND RELATED PATENT RIGHTS**

WHEREAS THE FOLLOWING PERSON OR PERSONS:

Gerwin DAMBERG
4959 Manor Street
Vancouver, British Columbia, V5R 3Y1
Canada

Wolfgang HEIDRICH
King Abdullah University of Science and
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Kingdom of Saudi Arabia

James GREGSON
2507 Maple Street
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Canada

each an Assignor, is the inventor or a co-inventor if more than one Assignor is named, of certain inventions or improvements (the "Invention(s)") described and/or claimed in:

- United States Patent Application No. 62/007341 filed 3 June 2014 entitled DYNAMIC FREEFORM LENSING WITH APPLICATIONS TO HIGH DYNAMIC RANGE PROJECTION;
- United States Patent Application No. 62/118945 filed 20 February 2015 entitled EFFICIENT, NUMERICAL APPROACHES FOR HIGH CONTRAST FREEFORM LENSING;
- PCT Patent Application No. PCT/CA2015/050515 filed 3 June 2015 entitled EFFICIENT, DYNAMIC, HIGH CONTRAST LENSING WITH APPLICATIONS TO IMAGING, ILLUMINATION AND PROJECTION (the "Application(s)");

AND WHEREAS, MTT Innovation Incorporated (the "Assignee(s)"), whose address is 1967 West 15th Avenue, Vancouver, British Columbia, V6J 2L2, Canada, is entitled to and has acquired the entire worldwide right, title, and interest in and to: the Invention(s), the Application(s), and all patents which may be granted on or as a result thereof in all countries;

In consideration of ONE (\$1.00) DOLLAR and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each Assignor confirms that Assignee(s) is the owner of all right, title and interest in and to the Invention(s) and the Application(s) and, for greater certainty, to the full extent that he or she has not done so previously, he or she does hereby sell, assign, transfer, and set over to the Assignee(s) the entire right, title, and interest in and to:

- the Invention(s);
- the Application(s);
- all national phase applications arising from the Application(s);
- all continuations, divisions, renewals of, or substitutes for the Application(s);
- the right to file counterparts to the Application(s) in all countries and regions;

- the right to claim priority from the Application(s) in all countries and regions;
 - each and every additional application that claims any part of the Inventions;
 - each and every additional application that is in any way based on or claims priority from or corresponds to the Application(s);
 - all patents which may be granted on or as a result thereof;
 - any reissue or reissues of such patents;
 - all causes of action and rights to bring suit for past, present, and future infringement thereof and all claims for and rights to collect damages, profits, and all other remedies and relief in respect thereof, including other compensation in respect of pre-grant activities; and
 - all improvements to the Invention(s), whether or not already existing;
- the same to be owned by the Assignee(s), its successors, assigns, nominees, or legal representatives, for the full term or terms of the patents entirely as the same would have been owned by the Assignor(s), had this Assignment, sale, and transfer not been made.

Each Assignor hereby covenants that he or she: has full right to convey the entire interest herein assigned; and has not executed and will not execute any agreement to transfer any rights in the Invention(s) and/or the Application(s) to anyone other than the Assignee(s) or that is otherwise in conflict herewith.

Each Assignor promises that he or she shall do everything reasonably possible to aid the Assignee(s), its successors, assigns, nominees, and legal representatives to obtain and enforce for its or their own benefit, proper patent protection for the Invention(s) in all countries and regions including without limitation:

- each time a request is made and without undue delay, execute and deliver all lawful papers relating to the Invention(s) including without limitation:
 - all such papers as may be necessary or desirable to perfect the title to the Invention(s), the Application(s), and the patents in the Assignee, its successors, assigns, nominees, or legal representatives;
 - all such papers including, without limitation, rightful oaths and declarations, that the Assignee considers to be necessary or desirable for use in: prosecution of the Application(s); interference proceedings involving the Application(s) or patents; oppositions involving the Application(s) or patents; applications to reissue or re-examine the patents; disclaimers related to the Application(s) or patents; or filing additional applications to protect the Invention(s) in any country;
 - communicate to the Assignee, or its nominees, all known facts respecting the Invention(s), the Application(s), and the patents and assist in the ascertainment of facts and the production of evidence relating to the Invention(s), the Application(s), or the patents; and
 - testify in any legal proceedings;
- all at the expense, however, of the Assignee or its successors, assigns, nominees, or legal representatives.

Each Assignor hereby irrevocably designates and appoints the Assignee and its duly authorized officers and agents, and their successors, as his or her agents and attorneys-in-fact, to act on the Assignor(s)'s behalf and instead of the Assignor(s), to execute and file applications to patent the

Invention(s) in all countries, and to do all other proper lawfully permitted acts to further the assignment, prosecution, and issuance of patents for the Invention(s) with the same legal force and effect as if executed by the Assignor(s). This power of attorney shall be deemed coupled with an interest and is irrevocable.

Each Assignor hereby authorizes and requests any official of any country or countries whose duty it is to issue patents on applications to issue to the Assignee, its successors, assigns, nominees, or legal representatives all patents for the Invention(s) in accordance with the terms of this Confirmatory Assignment.

Declarations of Assignor(s) for United States

Each Assignor hereby declares that:

1. The above-identified Application(s) 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(s); and
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.

EXECUTED at BURBANK, BC this 4 day of JUNE 20 15

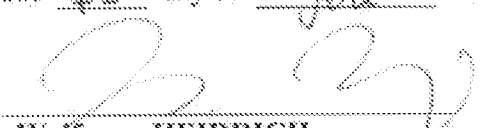

Gerwin DAMBERG

Witnessed by:

Printed Name:

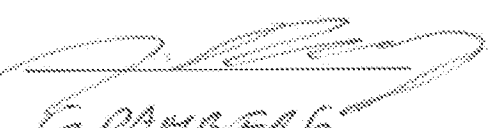

ERIC KOZAK

EXECUTED at VANCOUVER this 18 day of June 20 15

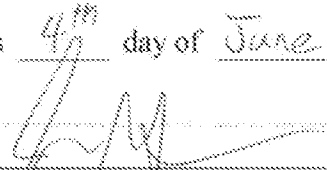

Wolfgang HEIDRICH

Witnessed by:

Printed Name:


G. DAMBERG

EXECUTED at Burnaby, BC this 4th day of June 20 15


James GREGSON

Witnessed by:

Printed Name:


ANDERS BLUMSTEDT