

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
L. DOUGLES BAKER	09/17/2017
SCOTT M. THAYER	09/28/2017
PAUL G. LUCEY	09/28/2017
DAMIEN G. ROBERTS	09/29/2017
RECEIVING PARTY DATA	
Name:	MINE VISION SYSTEMS, INC.
Street Address:	5877 COMMERCE STREET
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15206
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16787832
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ATTORNEY DOCKET NUMBER:	160437CON (0245704.00008)
NAME OF SUBMITTER:	ROBERT A. MUHA
SIGNATURE:	/Robert A. Muha/
DATE SIGNED:	02/10/2021
Total Attachments: 3	
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

L. Douglas Baker and Scott M. Thayer, each a citizen of the United States, and Paul G. Lucey and Damien G. Roberts, each a citizen of Australia (the "ASSIGNORS"),

hereby sell, assign and transfer to Mine Vision Systems, Inc., having an office at 5877 Commerce Street, Pittsburgh, PA 15206 ("ASSIGNEE"), its successors, assigns or other legal representatives, his/her entire right, title and interest, for the United States of America, its territories, dependencies and possessions, and in all countries, jurisdictions and political entities foreign to the United States of America, in and to:

all inventions and discoveries ("INVENTION") disclosed in the U.S. patent application ("APPLICATION") entitled

SYSTEM AND METHOD FOR MEASURING GEOMETRIC CHANGE IN A SUBTERRANEAN STRUCTURE

filed on September 25, 2017, now bearing U.S. Patent Application No. 15/714,484;

all applications for Letters Patent or similar legal protection to be obtained for the INVENTION, including the APPLICATION, all applications claiming the benefit of priority from the APPLICATION, all divisional, continuation, continuation-in-part, substitute, and reissue applications, and all legal equivalents thereof, including International Application No. PCT/US2017/053255 filed on September 25, 2017;

all Letters Patent or similar legal protection to be obtained for the INVENTION, including all original and reissue patents, all re-examination certificates, all legal equivalents thereof, and all renewals and extensions thereof;

any and all causes of action and enforcement rights, including all rights to sue, counterclaim, and recover for any past, present and future infringement of, or liabilities for, all Letters Patent or similar legal protection to be obtained for the INVENTION; and

all rights to apply for and receive, in the name of the ASSIGNEE, all Letters Patent or similar legal protection for the INVENTION.

ASSIGNORS hereby represent, warrant and covenant that he/she has the full right to convey his/her entire right, title and interest herein conveyed, and that no assignment, sale, grant, mortgage, license or other agreement or encumbrance has been or will be made or entered into which would affect the rights, titles and interests conveyed herein.

ASSIGNORS hereby agree to do the following, when requested, and without additional compensation, in order to carry out in good faith the intent of this assignment:

promptly execute and deliver to the ASSIGNEE or its legal representative any and all application papers, oaths, assignments, powers of attorney and other instruments that ASSIGNEE may consider necessary or desirable to apply for, obtain, perfect, maintain, issue and enforce all Letters Patent or similar legal protection for the INVENTION, including assisting in the prosecution of all applications for Letters Patent or similar legal protection that may be made;

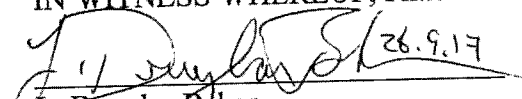
cooperate with the ASSIGNEE in every way possible in any interference, litigation, mediation, arbitration or other proceeding regarding the INVENTION, any applications for Letters Patent or similar legal protection which include the INVENTION, or any Letters Patent or similar legal protection for the INVENTION, including promptly providing to the ASSIGNEE all pertinent facts and documents which are known and accessible to ASSIGNOR relating to the INVENTION, any applications for Letters Patent or similar legal protection which include the INVENTION, or any Letters Patent or similar legal protection for the INVENTION, and testifying as to the same in any proceeding; and

provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

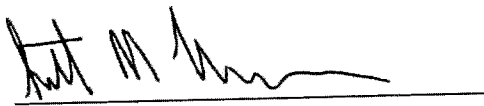
ASSIGNORS hereby grant the firm of K&L Gates LLP the authority and power to insert on this document any further information that may be necessary or desirable for purposes of recordation in the United States Patent & Trademark Office or similar offices of any foreign country.

This assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same assignment.

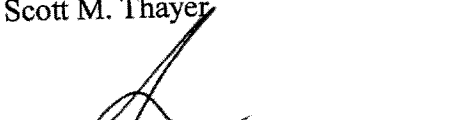
IN WITNESS WHEREOF, I have hereunto set my hand and seal.


L. Douglas Baker

28 Sept '17
Date


Scott M. Thayer

28 Sept. 2017
Date


Paul G. Lucey

28/9/17
Date

Damien G. Roberts

Date

ASSIGNORS hereby agree to do the following, when requested, and without additional compensation, in order to carry out in good faith the intent of this assignment:

promptly execute and deliver to the ASSIGNEE or its legal representative any and all application papers, oaths, assignments, powers of attorney and other instruments that ASSIGNEE may consider necessary or desirable to apply for, obtain, perfect, maintain, issue and enforce all Letters Patent or similar legal protection for the INVENTION, including assisting in the prosecution of all applications for Letters Patent or similar legal protection that may be made;

cooperate with the ASSIGNEE in every way possible in any interference, litigation, mediation, arbitration or other proceeding regarding the INVENTION, any applications for Letters Patent or similar legal protection which include the INVENTION, or any Letters Patent or similar legal protection for the INVENTION, including promptly providing to the ASSIGNEE all pertinent facts and documents which are known and accessible to ASSIGNOR relating to the INVENTION, any applications for Letters Patent or similar legal protection which include the INVENTION, or any Letters Patent or similar legal protection for the INVENTION, and testifying as to the same in any proceeding; and

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Paul G. Lucey

Date



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29/9/17

Date