

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4733015

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MP TECHNOLOGIES, LLC	11/01/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NORTHWESTERN UNIVERSITY
<b>Street Address:</b>	633 CLARK STREET
<b>City:</b>	EVANSTON
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60208
<b>PROPERTY NUMBERS Total: 5</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	6864552
Patent Number:	7001794
Patent Number:	7638791
Patent Number:	7692183
Patent Number:	7682865
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(608)661-3597
<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>	6086613590
<b>Email:</b>	pporembski@bellmanning.com
<b>Correspondent Name:</b>	PHILIP A. POREMBSKI
<b>Address Line 1:</b>	2801 W. BELTLINE HWY
<b>Address Line 2:</b>	STE. 210
<b>Address Line 4:</b>	MADISON, WISCONSIN 53713
<b>ATTORNEY DOCKET NUMBER:</b>	00100-0112
<b>NAME OF SUBMITTER:</b>	PHILIP A. POREMBSKI
<b>SIGNATURE:</b>	/Philip A. Porembski/
<b>DATE SIGNED:</b>	12/13/2017
<b>Total Attachments: 4</b>	

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## ASSIGNMENT AGREEMENT

This assignment agreement ("*Assignment*") is between MP Technologies, LLC, 1801 Maple Ave #5120, Evanston, IL 60201 ("*Company*"), and Northwestern University, 633 Clark Street, Evanston, Illinois 60208 ("*Northwestern*").

WHEREAS Company has incurred patent costs related to the Patent Rights and faces future costs if it retains the Patent Rights,

WHEREAS Northwestern's Innovation and New Ventures Office has a mission to translate innovations to benefit the public and promote economic growth,

WHEREAS Company is interested in having Northwestern take actions (including, but not limited to contacting third parties who may be interested in licensing the Patent Rights to the benefit of Company or entering into business arrangements with Company)

for good and valuable consideration sufficiently received, the parties hereby agree as follows:

"*Patent Rights*" means: (i) patents and patent applications listed on the attached Exhibit 1, incorporated herein by reference; (ii) U.S. Applications based thereon unless stated otherwise in Exhibit 1; (iii) patents issuing on any of the foregoing; as well as (iv) reexaminations, reissues, extensions of any of the foregoing.

Company represents that it solely owns all right, title and interest in and to the Assigned Rights (defined below) as of the date of this Assignment. Company hereby irrevocably sells, assigns and transfers to Northwestern all its right, title and interest, both, legal and equitable, in and to the: (a) Patent Rights; (b) right of priority, including to claim priority benefit of or to the Patent Rights and request that the Patent Rights issue to and in the name of Northwestern University; and (c) right to sue for and retain past, present, and future damages and seek other remedies legal and equitable that an owner of the Patent Rights may have been, is or may be able to assert regarding the Patent Rights, including for infringement before, on and/or after the date of this Assignment ("*Assigned Rights*").

Company hereby executes and delivers this Assignment by their duly authorized signatory who represents and warrants has the sufficient authority to make this a binding agreement by signing below. This Assignment is binding on and inures to the benefit of the parties and their legal representatives, administrators, heirs, successors and assigns. No amendment or modification to this Assignment shall be effective unless in writing and signed by Company and Northwestern. No waiver shall be effective unless signed by the party waiving its rights.

Company has had an opportunity to be represented by counsel of its choosing and as such this Assignment shall not be construed against any drafter. If any term of this Assignment is determined to be invalid or unenforceable under any controlling body of law, such invalidity or non-enforceability shall not in any way affect the validity or enforceability of the remaining terms or the validity or enforceability of such term in any jurisdiction where valid and enforceable. Any invalid or unenforceable provision will be reformed by the parties to effectuate their intent as evidenced on the Effective Date, which shall be the date first signed below.

Mansel RAZECHKI  
MP Technologies, LLC

Prof. Mansel RAZECHKI  
[Company representative name and title]

State of Illinois ss.

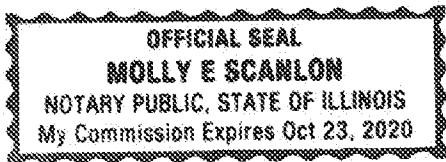
County of USA

On this 1 day of November, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

Molly E Scanlon  
NOTARY PUBLIC

[NOTARY SEAL]


My Commission Expires: 10/23/2020



(continued on next page)

ACCEPTANCE: Northwestern University

On behalf of Northwestern University, the authorized signatory below, hereby confirms Northwestern's acceptance of all rights, privileges, titles and interests conveyed by this Assignment.

Authorized Signature:  Date: 3 NOV 2017

Printed Name: Beverly R. Milligan, Invention Specialist or  
Nicole A. Janovick, Ph.D., J.D., Intellectual Property Associate

Department: Innovation and New Ventures Office (INVO)

Exhibit I

Application Number	Patent Number	Title	Date Filed
10/347,650	6,864,552	Focal Plane Arrays in Type II- Superlattices	01/21/2003
10/959,270	7,001,794	Focal Plane Arrays in Type II- Superlattices	10/06/2004
12/042,804	7,638,791	INAS/GASB Infrared Superlattice Photodiodes Doped with Beryllium	03/05/2008
12/044,091	7,692,183	Polarity Inversion of Type-II INAS/GASB Superlattice Photodiodes	03/07/ 2008
12/136,446	7,682,865	Superlattice Photodiodes with Polyimide Surface Passivation	06/10/2008