#### 504197027 01/26/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
STEPHEN THOMAS NUSKE	01/06/2017
ZANIA POTHEN	01/06/2017

# **RECEIVING PARTY DATA**

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## **PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	15323250
Application Number:	61998503

# **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	279430.178_US	
NAME OF SUBMITTER:	MICHAEL G. MONYOK	
SIGNATURE:	/Michael G. Monyok/	
DATE SIGNED:	01/26/2017	

**Total Attachments: 3** 

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**PATENT REEL: 041088 FRAME: 0570** 

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> PATENT REEL: 041088 FRAME: 0571

#### ASSIGNMENT

WHEREAS, Stephen Thomas Nuske of Pittsburgh, Pennsylvania, U.S.A. and Zania Pothen of Pittsburgh, Pennsylvania, U.S.A. (herein collectively referred to as "ASSIGNORS"), are the owners of all right, title, and interest, for all countries, in and to any and all inventions and improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed, in the following United States Patent Application (said inventions, improvements, and patents collectively referred to herein as "PATENT PROPERTY"):

METHODS AND SYSTEM FOR DETECTING CURVED FRUIT WITH FLASH AND CAMERA AND AUTOMATED IMAGE ANALYSIS WITH INVARIANCE TO SCALE AND PARTIAL OCCLUSIONS

for which a U.S. National Stage under 35 USC 371 entry of PCT international application number PCT/US2015/038534 filed on June 30, 2015, was filed on December 30, 2016 assigned application serial number 15/323,250 and which claims priority to provisional application serial no. 61/998,503, filed on June 30, 2014 (herein referred to as the "PATENT PROPERTY").

AND WHEREAS Carnegie Mellon University, a Pennsylvania Non-Profit Corporation, having an office at 4615 Forbes Avenue, Suite 302, Pittsburgh, Pennsylvania 15213, U.S.A. (herein "ASSIGNEE"), is desirous of acquiring ASSIGNORS' entire right, title, and interest in and to said PATENT PROPERTY and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be bound hereby, ASSIGNORS hereby assign, sell, transfer, and sets over unto said ASSIGNEE, effective immediately, their entire right, title, and interest in and to said PATENT PROPERTY and the inventions and improvements therein disclosed or hereinafter developed for the United States and all foreign countries and any Letters Patent which may issue therefrom in the United States and all foreign countries and all divisionals, reissues, continuations, continuations in part, requests for continued examinations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country in the Union, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisionals, reissues, continuations, requests for continued examinations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment not been made.

And for the consideration aforesaid, ASSIGNORS agree that they will communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNORS respecting said inventions and improvements, and will, upon request, but at ASSIGNEE'S expense, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation in part, request for

PATENT REEL: 041088 FRAME: 0572 continued examination, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

Dated:

Stephen Thomas Nuske

Dated: 6|1|17

Zania Pothen

Commonwealth of Pennsylvania

County of Allegheny

Before me, a Notary Public in and for the said County and State, personally appeared Zania Pothen, who acknowledged that she is the person who executed the foregoing Assignment and acknowledged it to be her free and voluntary act and deed.

Witness my hand and notarial seal this \_

<u>6</u> day of \_\_\_

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COMMONN

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

Jennifer H. Bett, Notary Public

City of Pittsburgh, Allegheny County

My Commission Expires April 9, 2018

MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

(NOTARY SEAL)