## 505632155 08/21/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5678961

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MALKEET SINGH	07/23/2019
HARPREET SINGH	07/23/2019
CHRISTOPHER CHARLES BERNDT	07/23/2019
PRABIR SARKAR	07/23/2019

### **RECEIVING PARTY DATA**

Name:	INDIAN INSTITUTE OF TECHNOLOGY ROPAR
Street Address:	INDIAN INSTITUTE OF TECHNOLOGY ROPAR
Internal Address:	NANGAL ROAD, RUPNAGAR
City:	PUNJAB
State/Country:	INDIA
Postal Code:	140001
Name:	SWINBURNE UNIVERSITY OF TECHNOLOGY
Name: Street Address:	SWINBURNE UNIVERSITY OF TECHNOLOGY SWINBURNE RESEARCH
Street Address:	SWINBURNE RESEARCH
Street Address: Internal Address:	SWINBURNE RESEARCH  JOHN STREET HAWTHORN

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16540736

#### **CORRESPONDENCE DATA**

**Fax Number:** (520)882-7643

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.

**Phone:** 5208827623

**Email:** cgee@hayes-soloway.com

Correspondent Name: DANIEL H. LANDAU

Address Line 1: 4640 E. SKYLINE DRIVE

Address Line 4: TUCSON, ARIZONA 85718

PATENT REEL: 050115 FRAME: 0763

505632155

ATTORNEY DOCKET NUMBER:	LEGASIS 19.10 CIP
NAME OF SUBMITTER:	DANIEL H. LANDAU
SIGNATURE:	/daniel h. landau/
DATE SIGNED:	08/21/2019
Total Attachments: 2	
source=assign#page1.tif	
source=assign#page2.tif	

PATENT REEL: 050115 FRAME: 0764

#### ASSIGNMENT

WHEREAS, ASSIGNORS, comprising of the following named inventors: Malkeet Singh, Harpreet Singh, Christopher Charles Berndt & Prabir SARKAR have invented, conceived, reduced to practice, invention for "A TECHNOLOGY AND PROCESS FOR 3D PRINTING USING SWARF PARTICLES" (hereinafter the "Invention"), for U.S. Patent Application No. 16/540,736 was filed on August 14, 2019 hereinafter the "Application"); and

WHEREAS, ASSIGNEE, INDIAN INSTITUTE OF TECHNOLOGY ROPAR, an Indian institute having address as: INDIAN INSTITUTE OF TECHNOLOGY ROPAR, Nangal Road, Rupnagar - 140001, Punjab, India and SWINBURNE UNIVERSITY OF TECHNOLOGY, an Australian Institute having address as: Swinburne Research, John Street Hawthorn, Victoria, 3122, Australia are desirous of acquiring the entire right, title and interest in, to an under the Invention, application and patents to be obtained thereon;

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNORS the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS does hereby sell, assign and transfer and set over to ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest throughout the world, in the Invention including, but not limited to, any patent rights, and any patent application(s), claiming priority thereto, that have been or may hereafter be filed:

ASSIGNORS, do hereby covenant that no assignment, sale, agreement, charge or other encumbrance, has been, or will be, entered into which would conflict with this assignment;

ASSIGNORS, do hereby covenant and agree to provide any tangible property embodying or describing the invention, including, without limitation, all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE will be delivered to ASSIGNEE immediately upon request;

ASSIGNORS, do hereby covenant and agree to do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns obtain and enforce proper patent protection for the invention in all countries including assisting with the preparation of any application relating to the invention;

ASSIGNORS, do hereby covenant and agree not to contest the validity or enforceability of any intellectual property rights assigned herein, or to assist or request any third party to contest the validity or enforceability of any intellectual property rights assigned herein;

PATENT REEL: 050115 FRAME: 0765 ASSIGNORS do hereby release and forever discharge ASSIGNEE from any and all claims. Including but not limited to debts, liabilities, damages and causes of action of whatsoever kind or nature relating to the invention, whether or not known, suspected and unsuspected, including any and all previous agreements entered into, which now exist, or may have existed prior to the date of this assignment.

IN TESTIMONY WHEREOF, I have hereunto set	my hand this <u>23</u> day of <u>J.y.</u> 2019
	Signature:
	Name: Malkeet Singh
IN TESTIMONY WHEREOF, I have hereunto se	t my hand this <u>27</u> day of <u>July</u> 20 19
	Signature:
	Name: Harpreet Singh
* * * * * * * * * * * * * * * * * * * *	t my hand this 7-3 day of 5\ 20/9
IN TESTIMONY WHEREOF, I have hereunto so	it my hand this cay or / ·
	Signature: 2
	Name: Christopher Charles Berndt
<b>X</b>	
	. 22 · Tales
IN TESTIMONY WHEREOF, I have hereunto se	et my hand this <u>49</u> day of <u>3017</u> 2019
	Olaman Allendaria
	Signature: Name: Prable SARKAR
	2 (C2012) 190- 6 - 1 (1996) 1. (2017) 10 (1917) 10 (1917)

PATENT REEL: 050115 FRAME: 0766

RECORDED: 08/21/2019