

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FRANZ A. KOECK	10/06/2017
ROBERT J. NEMANICH	10/06/2017
RECEIVING PARTY DATA	
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State/Country:	ARIZONA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15591671
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SIGNATURE:	/LATANYA WILLIAMSON/
DATE SIGNED:	04/18/2018
Total Attachments: 1	
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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I,

Franz A. Koeck, (Assignor) of Tempe, Arizona
Robert J. Nemanich, (Assignor) of Scottsdale, Arizona

have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto **ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY** (Assignee), a non-profit organization of the State of Arizona, having its principal office in Scottsdale, State of Arizona, United States of America, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain invention(s) entitled **SAMPLE STAGE/HOLDER FOR IMPROVED THERMAL AND GAS FLOW CONTROL AT ELEVATED GROWTH TEMPERATURES**, which is described, illustrated, and claimed in U.S. Patent Application No. 15/591,671, filed on May 10, 2017, which claims the benefit of International Application No. U.S. Provisional Application No. 62/334,281, filed on May 10, 2016, together with the entire right, title and interest in and to the U.S. application, and in and to any application for patent filed in any country claiming priority to, claiming the invention described in, or otherwise based on the U.S. application, and in and to any continuation, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any patent which may grant from such application(s).

I hereby authorize and request all government authorities in any country to issue patent(s) upon the aforesaid application, continuation, division, reissue, reexamination, extension, renewal, or substitute, to Assignee, for the sole use and behalf of Assignee, its successors, assigns, and legal representatives, to the full end of the term for which the patent(s) may be granted, the same as they would have been held and enjoyed by us had this assignment not been made.

I agree that, when requested, I will, without charge to Assignee, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents for the invention(s) in any and all countries and for vesting title thereto in Assignee, its successors, assigns, and legal representatives or nominees.

I covenant with Assignee, its successors, assigns, and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.



Signature by: **Franz A. Koeck**

10/06/2017

Date



Signature by: **Robert J. Nemanich**

10/6/17

Date