### 503176405 02/11/2015 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY DA	ATA						
		Name	Execution Date				
TAHIR CADER			09/30/2002				
CHARLES LESTER TILT	ON		09/30/2002				
BENJAMIN HEWETT TC	DLMAN		10/01/2002				
GEORGE JOSEPH WOS	3		10/01/2002				
ALAN BRENT ROBERTS	S		10/01/2002				
RECEIVING PARTY DA	ТА						
Name:	ISOTHERMAL SYSTEMS RESEARCH, INC.						
Street Address:	511 THIRD STREET						
City:	CLARKSTON						
State/Country:	WASHINGTON						
Postal Code:	99403						
PROPERTY NUMBERS	Total: 2	2					
	Total: 2		7				
Property Type	Total: 2	Number					
Property Type Application Number:	Total: 2	<b>Number</b> 12402475					
Property Type Application Number:	Total: 2	Number					
Property Type Application Number: Application Number: CORRESPONDENCE D		Number   12402475   13241100					
Property Type Application Number: Application Number: CORRESPONDENCE D Fax Number:	ΑΤΑ	Number 12402475 13241100 (650)320-7701					
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Property Type Application Number: Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to	Number 12402475 13241100 (650)320-7701 o the e-mail address first; if that is un d; if that is unsuccessful, it will be set 650-320-7700 mmoreno@nixonpeabody.com NIXON PEABODY LLP					
Property Type Application Number: Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provided	Number 12402475 13241100 (650)320-7701 o the e-mail address first; if that is un d; if that is unsuccessful, it will be set 650-320-7700 mmoreno@nixonpeabody.com NIXON PEABODY LLP P.O. BOX 60610 PALO ALTO, CALIFORNIA 94306					
Application Number: Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA e sent to provided	Number 12402475 13241100 (650)320-7701 o the e-mail address first; if that is un d; if that is unsuccessful, it will be set 650-320-7700 mmoreno@nixonpeabody.com NIXON PEABODY LLP P.O. BOX 60610 PALO ALTO, CALIFORNIA 94306					
Property Type Application Number: Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provided	Number   12402475   13241100   (650)320-7701   o the e-mail address first; if that is unsuccessful, it will be set   650-320-7700   mmoreno@nixonpeabody.com   NIXON PEABODY LLP   P.O. BOX 60610   PALO ALTO, CALIFORNIA 94306   049259-026300 - 026400					
Property Type Application Number: Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	ATA e sent to provided	Number   12402475   13241100   (650)320-7701   o the e-mail address first; if that is unsuccessful, it will be set   650-320-7700   mmoreno@nixonpeabody.com   NIXON PEABODY LLP   P.O. BOX 60610   PALO ALTO, CALIFORNIA 94306   049259-026300 - 026400   JOSEPH BACH					

**Total Attachments: 2** 

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# ASSIGNMENT FOR APPLICATION FOR PATENT

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#### WHEREAS:

Names and Addresses of Inventors:

(",")	5)	Tahir Cader 510 NW Polaris Street Pullman, WA 99163 Benjamin Hewett Tolman 520 Empire Lane #7 Moscow, ID 83843	2) 4)	Charles Lester Tilton 904 Summit Street Colton, WA 99113 George Joseph Wos 103 Becker Road Colton, WA 99113		
	5)	Alan Brent Roberts 616 Residence Street Moscow, ID 83843				

(hereinafter referred to as Assignors), have invented a certain invention entitled:

## SPRAY COOLING THERMAL MANAGEMENT SYSTEM AND METHOD FOR SEMICONDUCTOR PROBING, DIAGNOSTICS, AND FAILURE ANALYSIS

for which application for Letters Patent in the United States was filed on  $\frac{2/16/02}{107}$ , under  $\frac{10/02}{107}$ , executed on even date herewith; and

WHEREAS, Isothermal Systems Research, Inc, a corporation of the State of Washington, having a place of business at 511 Third Street, Clarkston, Washington 99403 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as the Application), and the invention disclosed therein (hereinafter referred to as the Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as the Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or

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PATENT REEL: 034943 FRAME: 0841 additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

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3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

<u> 30/02</u>\_ 2002\_ Tahir Cader NAME OF INVENTOR 1) Charles Lester Tilton 20/02-2002 Signature NAME OF INVENTOR 2)Benjamin Hewett Tolman 2002 Signature 3) NAME OF INVENTOR George Joseph Wos 01/02 2002 Signature 4) NAME OF INVENTOR 10-1-02\_2002\_ Alan Brent Roberts Signatúre 5) NAME OF INVENTOR

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### PATENT REEL: 034943 FRAME: 0842

**RECORDED: 02/11/2015**