PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3264180

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SIGNATURE DATE FOR INVENTOR (ASSIGNOR) XIAOJIN WEI previously recorded on Reel 034948 Frame 0890. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
XIAOJIN WEI	03/03/2015

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	
Street Address:	NEW ORCHARD ROAD	
City:	ARMONK	
State/Country:	NEW YORK	
Postal Code:	10504	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14620459

CORRESPONDENCE DATA

Fax Number: (518)452-5579

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.

(518) 452-5600 Phone: Email: sdm@hrfmlaw.com

Correspondent Name: KEVIN P. RADIGAN, ESQ.

Address Line 1: HESLIN ROTHENBERG FARLEY & MESITI P.C.

Address Line 2: **5 COLUMBIA CIRCLE**

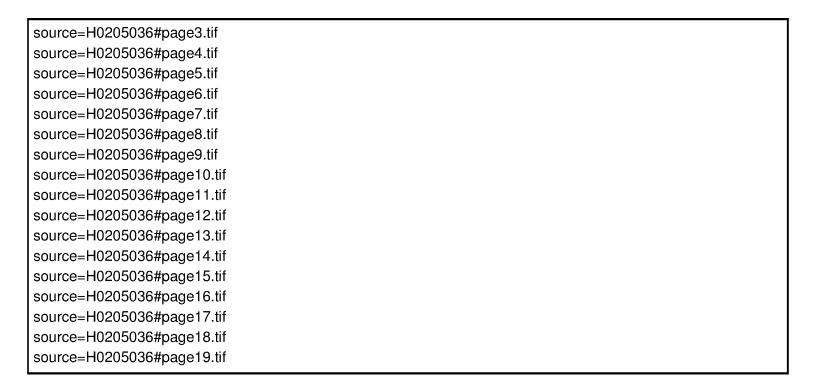
Address Line 4: ALBANY, NEW YORK 12203

ATTORNEY DOCKET NUMBER:	POU920140198US1/0560.1298	
NAME OF SUBMITTER:	KEVIN P. RADIGAN, ESQ.	
SIGNATURE:	/Kevin P. Radigan, Esq./	
DATE SIGNED:	03/13/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 19 source=H0205036#page1.tif source=H0205036#page2.tif

> **PATENT** REEL: 035200 FRAME: 0354

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DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention:

FLEXIBLE COOLANT MANIFOLD - HEAT SINK ASSEMBLY

As a below named	and undersigned inventor, I hereby declare that:
This declaration is	directed to the attached application, or (if following box is checked):
[]	United States application or PCT international application number filed on

The above-identified application was made or authorized to be made by me.

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I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

Whereas, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Page 1 of 3

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(1) Legal Name of Inventor: Francis R. KRUG, J	Jr.
Signature:	Date:
(2) Legal Name of Inventor: Eric J. McKEEVER	t
Signature:	Date:
(3) Legal Name of Inventor: Robert K. MULLAI	DY
Signature:	Date:
(4) Legal Name of Inventor: Donald W. PORTEI	R
Signature:	Date:
(5) Legal Name of Inventor: Richard P. SNIDER	t
Signature:	Date:

Page 2 of 3

(6) Legal Name of Inventor: John G. TOROK	
Signature:	Date:
(7) Legal Name of Inventor: Allan C. VanDEVENTER	
Signature:	Date:
8) Legal Name of Inventor: Xiaojin WEI	
Signature:	Date: 03/03/2015

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PA" NT ASSIGNMENT COVER S "ET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3223997

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRANCIS R. KRUG JR.	02/11/2015
ERIC J. MCKEEVER	02/06/2015
ROBERT K. MULLADY	02/10/2015
DONALD W. PORTER	02/06/2015
RICHARD P. SNIDER	02/11/2015
JOHN G. TOROK	02/06/2015
ALLAN C. VANDEVENTER	02/06/2015
XIAOJIN WEI	02/06/2015

RECEIVING PARTY DATA

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Street Address:	NEW ORCHARD ROAD
City:	ARMONK
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Application Number:	14620459	-

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ATTORNEY DOCKET NUMBER:	POU920140198US1
NAME OF SUBMITTER:	KEVIN P. RADIGAN, ESQ.
SIGNATURE:	/Kevin P. Radigan, Esq./

PATENT



United States Patent and Trademark Office





Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

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Postal Code:	10504	

PROPERTY NUMBERS Total: 1

PATENT 2/12/2015 2:15 PM

Property Type		Number
Application Number:	146204	159
CORRESPONDENCE DA	ATA	
Fax Number:	(518)452-5579	9
Phone:	518-452-5600	
Email:	sdm@hrfmlav	
Correspondence will be sent to the provided; if that is unsuccessful, it		îrst; if that is unsuccessful, it will be sent using a fax number, if US Mail.
Correspondent Name:	KEVIN P. RA	DIGAN, ESQ.
Address Line 1:		HENBERG FARLEY & MESITI P.C.
Address Line 2:	5 COLUMBIA	
Address Line 4:	ALBANY, N	EW YORK 12203
ATTORNEY DOCKET N	U MBER:	POU920140198US1
NAME OF SUBMITTER:		KEVIN P. RADIGAN, ESQ.
Signature:		/Kevin P. Radigan, Esq./
Date:		02/12/2015
		This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 9		
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EPAS IDs	PAT3223997	

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ATTORNEY DOCKET NUMBER:

POU920140198US1

NAME OF SUBMITTER:	KEVIN P. RADIGAN, ESQ.	
Signature:	/Kevin P. Radigan, Esq./	
Date:	02/12/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 9 source=H0166576#page1.tif source=H0166576#page2.tif source=H0166576#page3.tif source=H0166576#page4.tif source=H0166576#page5.tif source=H0166576#page6.tif source=H0166576#page7.tif source=H0166576#page7.tif source=H0166576#page9.tif		
RECEIPT INFORMATION		
EPAS ID: PAT32239 Receipt Date: 02/12/201		

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention:

FLEXIBLE COOLANT MANIFOLD - HEAT SINK ASSEMBLY

This declaration is directed to the attached application, or (if following box is checked):

1	United States application or PCT international application nun	ıber
	filed on	

The above-identified application was made or authorized to be made by me.

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I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

Whereas, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged. I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors. legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Page 1 of 3

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(1) Legal Name of Inventor: Francis R. KRUG, Jr.	
Signature: Link Is	Date: 02/11/2015
(2) Legal Name of Inventor: Eric J. McKEEVER	
Signature: En M+ Koure	Date: 2/6/15
(3) Legal Name of Inventor: Robert K. MULLADY	
Signature: 1) List A Middle Ly	Date: <u> </u>
(4) Legal Name of Inventor: Donald W. PORTER	
Signature: Down CH COL	Date: 2/6/2015
(5) Legal Name of Inventor: Richard P. SNIDER	
Signature:	Date:

(6) Legal Name of Inventor: John G. TOROK	
Signature:	Date: 2/6/2015
(7) Legal Name of Inventor: Allan C. Van DEVENTER	
Signature: 1, Complain	Date: <u> </u>
(8) Legal Name of Inventor: Xiaojin WEI	
Signature:	Date:

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(1) Legal Name of Inventor: Francis R. KRUG, Jr.	
Signature:	Date:
(2) Legal Name of Inventor; Eric J. McKEEVER	
Signature;	Date:
(3) Legal Name of Inventor: Robert K. MULLADY	
Signature:	Date:
(4) Legal Name of Inventor: Donald W. PORTER	
Signature:	Date:
(5) Legal Name of Inventor; Richard P. SNIDER	
Signature: 2 hou/PS with	Date: 2/11/15

Page 2 of 3

(6) Legal Name of Inventor: John G. TOROK		
Signature:	Date:	
(7) Legal Name of inventor: Alian C. VanDEVENTER		
Signature:	Date:	
(8) Legal Name of Inventor: Xiaojin WEI		
Signature:	Date:	

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Signature:	Date:
(8) Legal Name of Inventor: Xiaojin WEI	
Signature:	Date:

Page 3 of 3

PATENT REEL: 035200 FRAME: 0372

RECORDED: 03/13/2015