505978837 03/21/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHARLES L. ARVIN	03/20/2020
LUCA DEL CARRO	03/20/2020
THOMAS BRUNSCHWILER	03/20/2020
THOMAS WEISS	03/20/2020
CHRIS MUZZY	03/20/2020

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:	16826226

CORRESPONDENCE DATA

Fax Number: (845)849-3688

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: 845-849-3686

Email: idb@bleckeriplaw.com

Correspondent Name: LAW OFFICES OF IRA D. BLECKER, P.C.

Address Line 1: 16 BERRY LANE

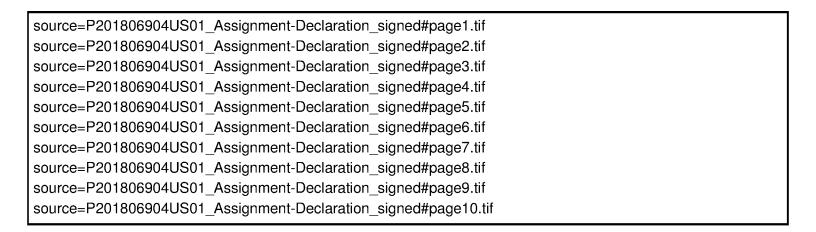
Address Line 4: WAPPINGERS FALLS, NEW YORK 12590

ATTORNEY DOCKET NUMBER:	P201806904US01
NAME OF SUBMITTER:	IRA D. BLECKER
SIGNATURE:	/Ira D Blecker/
DATE SIGNED:	03/21/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).
	·

Total Attachments: 10

PATENT REEL: 052185 FRAME: 0825

EPAS ID: PAT6025545



PATENT REEL: 052185 FRAME: 0826

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: PERSONALIZED COPPER BLOCK FOR SELECTIVE SOLDER REMOVAL

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
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 C.F.R. § 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.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature Mu/2 Um	Date: 20 Mar 202
(1) Legal Name of Inventor: Charles L. Arvin	
Signature:	Date:
(2) Legal Name of Inventor: Luca Bel Carro	
Signature:	Date:
(3) Legal Name of Inventor: Thomas Brunschwüer	
	D . 15
Signature:	Date:
(4) Legal Name of Inventor: Thomas Weiss	
Signature:	Date:
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Page 2 of 2

(5) Legal Name of Inventor: Chris Muzzy

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Signature:	Date
(1) Legal Name of Inventor: Charles L. Arvin	
Signature:	Date:
(2) Legal Name of Inventor: Luca Del Carro	
Signature 7	Date March COA COA
(3) Legal Name of Inventor: Thomas Brunschwiler	
Signature:	Date
(4) Legal Name of Inventor. Thomas Weiss	
Signature:	<u> Date</u>
(5) Legal Name of Inventor: Chris Muzzy	

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Signature:	Date:
(1) Legal Name of Inventor: Charles L. Arvin	
Signature:	Date: 20.03.2020
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	alas lassa
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