

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5898487

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DENNIS B. BOYLE	10/07/2019
VINCENT J. CIVITARESE	10/07/2019
RECEIVING PARTY DATA	
Name:	BERRY METAL COMPANY
Street Address:	2408 EVANS CITY ROAD
City:	HARMONY
State/Country:	PENNSYLVANIA
Postal Code:	16037
PROPERTY NUMBERS Total: 5	
Property Type	Number
Application Number:	62730298
Application Number:	62719245
Application Number:	62586894
Application Number:	16194251
PCT Number:	US1861691
CORRESPONDENCE DATA	
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<i>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.</i>	
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Correspondent Name:	CLARK HILL PLC
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ATTORNEY DOCKET NUMBER:	89873/342265
NAME OF SUBMITTER:	ADAM J. FROMM
SIGNATURE:	/Adam J. Fromm/
DATE SIGNED:	01/07/2020

Total Attachments: 4

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PATENT ASSIGNMENT

WHEREAS, we, **Dennis B. Boyle** of 221 Scotia St., Pittsburgh, Pennsylvania 15205 and **Vincent J. Civitarese** of 610 Unionville Rd., Butler, Pennsylvania 16001 ("Assignors"), have invented a certain new and useful invention having the titles listed below (the "Invention"), and for which the following patent applications have been prepared and filed (hereafter being collectively referred to as the "Applications"):

1. U.S. Patent Application No. **62/730,298**, entitled "WATER COOLED HOUSING AND GUARD MEMBER FOR METAL MAKING FURNACE", filed with the U.S. Patent & Trademark Office on September 12, 2018;
2. U.S. Patent Application No. **62/719,245**, entitled "WATER COOLED HOUSING AND GUARD MEMBER FOR METAL MAKING FURNACE", filed with the U.S. Patent & Trademark Office on August 17, 2018;
3. U.S. Patent Application No. **62/586,894**, entitled "WATER COOLED HOUSING FOR A METAL MAKING FURNACE", filed with the U.S. Patent & Trademark Office on November 16, 2017;
4. U.S. Patent Application No. **16/194,251**, entitled "FLUID COOLED HOUSING SYSTEM FOR INSTRUMENTS OF A METAL MAKING FURNACE", filed with the U.S. Patent & Trademark Office on November 16, 2018; and
5. International Application No. **PCT/US18/61691**, entitled "FLUID COOLED HOUSING SYSTEM FOR INSTRUMENTS OF A METAL MAKING FURNACE", filed with the U.S. Patent & Trademark Office on November 16, 2018.

WHEREAS, **Berry Metal Company**, a Delaware Corporation having its principal office and place of business at 2408 Evans City Road, Harmony, Pennsylvania 16037, United States of America ("Assignee"), together with any successors, legal representatives, or assigns thereof desires to acquire all rights, title, and interest in and to the Invention, the Applications, and in, to and under all Letters Patent which may be obtained for the Invention, as herewith more fully set forth.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of good and valuable consideration paid to Assignors by Assignee, the receipt and sufficiency of which is hereby acknowledged, Assignors hereby sell, assign, transfer, and set over to and unto Assignee, its successors and assigns, for within and throughout the United States and the territories thereof, and all foreign countries, the entire right, title, and interest in and to the Invention, and in, to and under the Applications, and all Letters Patent of the United States and foreign countries (including all priority rights that Assignor may have or acquire under any International Convention or treaty) that may be granted for the Invention and improvements, including divisions, continuations, continuations-in-part, reissues, and prolongations of such applications and Letters Patent issued thereto, to have and to hold for the sole and exclusive use and benefit of Assignee, its successors and assigns, to the full end of the term or terms for which any and all of the Letters Patents for the Invention may issue.

Additionally, Assignors do hereby covenant and agree, for themselves, their heirs, and their legal representatives, that Assignors will assist Assignee in the: (i) prosecution of the Applications; (ii) making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the Invention; (iii) vesting in the Assignee like exclusive title in and to all such other patent applications and Letters Patent; (iv) prosecution of any derivation proceeding which may arise involving the Invention, or any application, or Letters Patent herein contemplated; and (v) execution and delivery to the Assignee any and all additional papers that may be requested by the Assignee to fully carry out the terms of this Patent Assignment.

Patent Assignment, Including US Application No. 16/194,251

PATENT ASSIGNMENT

Legal name of inventor: Dennis B. Boyle

Inventor's signature: *Dennis B. Boyle* Date: 10/7/2019

STATE OF PA)

COUNTY OF BUTLER)

This 7th day of Oct., 2019, before me personally came the above named _____ to me personally known as the individual who executed the foregoing Patent Assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Anna M. Metzger
Notary Public

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Anna M. Metzger, Notary Public
Harmony Boro, Butler County
My Commission Expires June 7, 2021

(Notarial Seal)

PATENT ASSIGNMENT

Legal name of inventor: Vincent J. Cittarese

Inventor's signature: *Vincent J. Cittarese* Date: 10/7/2019

STATE OF PA.)

COUNTY OF BUTLER)

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Anna M. Metzger
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NOTARIAL SEAL
Anna M. Metzger, Notary Public
Harmony Boro, Butler County
My Commission Expires June 7, 2021

PATENT ASSIGNMENT

Legal name of Assignee: **Berry Metal Company**

Assignee's Representative Signature: *[Signature]* Date: 10-7-2019
Assignee's Representative Name: DAVID R. WERNER
Assignee's Representative Title: PRESIDENT & COO

STATE OF PA)
COUNTY OF BUTLER)

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