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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DA	АТА			
		Name	Execution Date	
RUSSELL JAMES HEWERTSON			11/01/2020	
SHAILESH PRADEEP GANGOLI			11/23/2020	
J. BRUCE KENWORTHY			11/01/2020	
XIAOYI HE			11/12/2020	
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Postal Code:	18195-1501			
PROPERTY NUMBERS Total: 1 Property Type		Number	7	
Property Type Application Number:		Number 17066733	_	
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DATE SIGNED:		12/17/2020	12/17/2020	
		This decument conversion on Oc	th/Doclaration (37 CER 1 63)	
		This document serves as an Oa	(1) Declaration (37 Cr n 1.03).	

Total Attachments: 2 source=08045ZPUSA-Assign#page1.tif source=08045ZPUSA-Assign#page2.tif

PATENT REEL: 054683 FRAME: 0635

ASSIGNMENT & DECLARATION

For value received, we, Russell James Hewertson, Shailesh Pradeep Gangoli, J. Bruce Kenworthy, Xiaoyi He and Anup Vasant Sane, hereby sell, assign, and transfer to AIR PRODUCTS AND CHEMICALS, INC., a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, the entire right, title, and interest in and to the invention relating to

MULTI-BURNER ROTARY FURNACE MELTING SYSTEM AND METHOD

described in our application for Letters Patent of the United States (identified by Docket No. 08045ZP USA; and/or Appl. No. 17/066,733; filed on October 9, 2020) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters Patent upon said invention or improvements which may be granted in foreign countries. We hereby also assign and convey to said AIR PRODUCTS AND CHEMICALS, INC., all the rights accruing to us by virtue of the International Convention for the Protection of Industrial Property (Art. 4), including the right to apply for and to have patents issued in its own name.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the Officials of the Patent Offices of all other countries to issue the Letters Patent of their respective countries to said AIR PRODUCTS AND CHEMICALS, INC., as assignee of the entire right, title, and interest in and to the same.

And we hereby promise and agree to execute all papers and perform all acts necessary to secure to and vest in said AIR PRODUCTS AND CHEMICALS, INC., its successors and assigns, the rights conveyed as herein set forth.

And I hereby authorize the above-mentioned Assignee or its legal representative to insert in the instrument the application serial number of aforesaid application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office.

AND WE HEREBY DECLARE that the above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. 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.

Vsn(L.S.)

Russell James Hewertson

<u>11/1/2020</u> Date

Shailesh P harphi (L.S.) Shailesh Pradeep Gangoli <u>11/23/2020</u>

ORA SIAN Bruce Kenworthy 1/2020 Date

(L.S.) <u>Me</u>(L.S.) Xiaoyi He

_____11 // 2_ / 20 200 Date

___(L.S.) Anup Vasant Sane

<u>11/4/2020</u> Date