503154795 01/28/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3201408

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IZUMI SHIMOYAMA	08/28/2014
TAKASHI ANYASHIKI	08/29/2014
KIYOSHI FUKADA	08/29/2014
HIDEKAZU FUJIMOTO	08/29/2014
TETSUYA YAMAMOTO	08/29/2014
HIROYUKI SUMI	08/31/2014

RECEIVING PARTY DATA

Name:	JFE STEEL CORPORATION	
Street Address:	2-3, UCHISAIWAI-CHO 2-CHOME,	
Internal Address:	CHIYODA-KU,	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	100-0011	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14387742	

CORRESPONDENCE DATA

Fax Number: (610)407-0701

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: 6104070700

Email: pcboccella@ratnerprestia.com

Correspondent Name: LISA MEAD Address Line 1: P.O. BOX 980

Address Line 4: VALLEY FORGE, PENNSYLVANIA 19482

ATTORNEY DOCKET NUMBER:	JFE-229US
NAME OF SUBMITTER:	LISA MEAD, REG. NO. 64,253
SIGNATURE:	/LISA MEAD/
DATE SIGNED:	01/28/2015

PATENT REEL: 034831 FRAME: 0097 Total Attachments: 2
source=assign#page1.tif
source=assign#page2.tif

PATENT REEL: 034831 FRAME: 0098

· · ·					
ASSIGN	MENT	- Patent Application	Docket Number:		
Whereas, the Ass	signor, co	mprising the following named inve	entors:		
ASSIGNOR(s)/ INVENTOR(s)	1. Izumi SHIMOYAMA		2. Takashi ANYASHIKI	2. Takashi ANYASHIKI	
	3. Kiyoshi FUKADA		4. Hidekazu FUJIMOTO	4. Hidekazu FUJIMOTO	
	5. Tetsuya YAMAMOTO		6. Hiroyuki SUMI	6. Hiroyuki SUMI	
	7.		8.		
made an inventio	n entitled	COAL BLENDING METHOD FOR METHOD FOR COKE	OR COKE PRODUCTION, PRODUCTION		
for which an appl (Select one of the t		Letters Patent of the United State	es: ,		
was filed in	the U.S.	ently herewith Patent and Trademark Office on _ cation Serial No.:			
e e					
ASSIGNEE (Full Name and Address)		JFE STEEL CORPORATION		-	
		2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 Japan			

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

REEL: 034831 FRAME: 0099

ASSIGNMENT - Patent Application

Docket Number:

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
·	1. Izumi SHIMOYAMA	- Symi Trimeyonness	August على , 2014
		* Witness to Assignor #1	
SIGNATURE	2. Takashi ANYASHIKI	Takashe Anyashiki	August 2 ⁹ , 2014
		* Witness to Assignor #2	
	3. Kiyoshi FUKADA	Niyoshi Fukada	August $\Rightarrow \stackrel{\partial}{/}$, 2014
		* Witness to Assignor #3	:
	4. Hidekazu FUJIMOTO	Hidekazu Fizimoto	August 2 , 2014
		* Witness to Assignor #4	
	5. Tetsuya YAMAMOTO	Jetsnya Yangmoto	August 20 , 2014
		* Witness to Assignor #5	·
	6. Hiroyuki SUMI	Hirozuki Sami	August 3 / , 2014
		* Witness to Assignor #6	
Application for l	Jnited States Letters Patent:		
Serial No.:	14/387,742		
Filed:	09/24/2014	•	
Attorney Docket Number: JFE-229US			
Total Number	Total Number of Assignment Pages 2 * Witness signature recommended, mandatory for som		nandatory for some countries

REEL: 034831 FRAME: 0100

RECORDED: 01/28/2015