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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6153785

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BUNDESANSTALT FÜR MATERIALFORSCHUNG UND -PRÜFUNG	04/02/2020

RECEIVING PARTY DATA

Name:	FERRO DUO GMBH
Street Address:	VULKANSTRASSE 54
City:	DUISBURG
State/Country:	GERMANY
Postal Code:	47053

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16641966

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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: 617-646-8000

patents_TaniC@wolfgreenfield.com Email:

Correspondent Name: TANI CHEN

Address Line 1: WOLF, GREENFIELD & SACKS, P.C.

Address Line 2: **600 ATLANTIC AVENUE**

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	F0841.70000US00 #3
NAME OF SUBMITTER:	TANI CHEN
SIGNATURE:	/Tani Chen/
DATE SIGNED:	06/15/2020

Total Attachments: 6

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> **PATENT** REEL: 052940 FRAME: 0361 506107063

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PATENT REEL: 052940 FRAME: 0362

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, Bundesanstalt für Materialforschung und -Prüfung, a German company having a place of business at Unter den Eichen 87, 12205 Berlin, GERMANY, for itself, its assigns and legal representatives ("Assignor") hereby:

- Selfs, assigns and transfers to Ferro Duo GmbH, a German company having a place of business at Vulkanstraße 54, 47053 Duisburg, GERMANY, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, its entire right, title and interest for the United States, in and to any and all inventions and designs which are disclosed (1) in the International Application filed on September 4, 2018 under International Application No. PCT/EP2018/073761, and entitled PROCESS FOR THE PURIFICATION OF WASTE MATERIALS OR INDUSTRIAL BY-PRODUCTS COMPRISING CHLORINE, and (2) in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on February 25, 2020 under international Application No. 16/641,966, bearing Attorney Docket No. F0841.70000US00, and entitled PROCESS FOR THE PURIFICATION OF WASTE MATERIALS OR INDUSTRIAL BY-PRODUCTS COMPRISING CHLORINE, and in and to the applications and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States on the inventions and designs, including all rights to priority; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
- 2. Agrees that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agrees to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to it relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
- 3. Requests the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorizes and requests Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenants with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by it and that full right to convey the same as herein expressed is possessed by it; and Attorney Docket No. F0841.70000US00

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 Appoints Assignee, through its its behalf, any and all documents requested not limited to, those documents speci- 	uired to effecti	attorney-in-fact to execut uate this Assignment, spe d any necessary correctiv	cifically including, but
This instrument is executed under se- the laws of the United States of Amer	al and signed rica.	under the pains and pena	lities of perjury under
02 8978 2626		M K	
Date	Assignor:	Bundesanstalt für Materialf	
	Address:	Unter den/Eichen 87	geng aprilef. 243 2 271
		12205 Berlin	uster demilie mai 17785 Savier
		GERMANY Hagen-J. Saxowski	
	Signer:	Head of Section	,
	Title:	2.9 Receptur Servic	\$\$
Witness: (2 kps) 2020		Hil Arorss	
Date	Signature	}	SOMM
	Name:	Morlsee	
	Address:	384	Mantanta (Frederican) and Apoliticity
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Witness:			
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Date	Signature		
	Name:	Lourer	BBALL
	Address:		Sundscanstalt für
			sittle -proclamp
			Vincer ben (C.C.) (n.B.) 1220s Bedlin

Attorney Docket No. F0841.70000US00

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Date	Assignee:	Ferro Duo GmbH
	Address:	Vulkanstraße 54
		47053 Duisburg
		GERMANY
	Signer:	
	Title:	
Witness:		
Date	Signature	3
_ 	- · · · · ·	
	Name:	
	Address:	
Witness:		
Date	Signature	;
	Name:	
	Address:	
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Attorney Docket No. F0841.70000US00

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, Bundesanstalt für Materialforschung und -Prüfung, a German company having a place of business at Unter den Eichen 87, 12205 Berlin, GERMANY, for itself, its assigns and legal representatives ("Assignor") hereby:

- 1. Sells, assigns and transfers to Ferro Duo GmbH, a German company having a place of business at Vulkanstraße 54, 47053 Duisburg, GERMANY, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, its entire right, title and interest for the United States, in and to any and all inventions and designs which are disclosed (1) in the International Application filed on September 4, 2018 under International Application No. PCT/EP2018/073761, and entitled PROCESS FOR THE PURIFICATION OF WASTE MATERIALS OR INDUSTRIAL BY-PRODUCTS COMPRISING CHLORINE, and (2) in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on February 25, 2020 under International Application No. 16/641,966, bearing Attorney Docket No. F0841.70000US00, and entitled PROCESS FOR THE PURIFICATION OF WASTE MATERIALS OR INDUSTRIAL BY-PRODUCTS COMPRISING CHLORINE, and in and to the applications and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States on the inventions and designs, including all rights to priority; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs:
- 2. Agrees that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agrees to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to it relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee:
- 3. Requests the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorizes and requests Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenants with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by it and that full right to convey the same as herein expressed is possessed by it; and Attorney Docket No. F0841.70000US00

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6. Appoints Assignee, through its designee, its attorney-in-fact to execute, in its name and on its behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Date	Assignor:	Bundesanstalt für Materialforschung und -Prüfung
	Address:	Unter den Eichen 87
		12205 Berlin
		GERMANY
	Signer:	
	Title:	
	mic.	
Witness:		
Date	Signature	
- Color	eng, autor e	
	Name:	
	Address:	
Witness:		
Date	Signature	
	•	
	Name:	
	Address:	

Attorney Docket No. F0841.70000US00

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PATENT REEL: 052940 FRAME: 0367

Vulkanstraße 54 গ্ৰন্থ 053 Duisburg Telafon (0203) 7 \$ 9738-0 Ferro Duo ambH Assignee: Vulkanstraßè 54 Address: 47053 Duisburg GERMANY Signer: Title: Witness: 86.2020 Date Signature Name: Address: Witness: Signature Name:

Address:

Ferro Duo GmbH

Attorney Docket No. F0841.70000US00

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RECORDED: 06/15/2020

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