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TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 ETAS ID: TM309343

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
PNC Bank, National Association		07/01/2014	National Banking Association:

RECEIVING PARTY DATA

Name:	FERRO Corporation
Street Address:	1000 Lakeside Avenue
City:	Cleveland
State/Country:	OHIO
Postal Code:	44114
Entity Type:	CORPORATION: OHIO

PROPERTY NUMBERS Total: 14

Property Type	Number	Word Mark
Registration Number:	2278998	APA ADVANCED POLYMER ALLOYS
Registration Number:	1296199	ALCRYN
Registration Number:	2900560	DURAGRIP
Serial Number:	85534390	DURACRYN
Registration Number:	1952736	GAPEX
Registration Number:	1855044	RXLOY
Registration Number:	1837616	OPTUM
Registration Number:	1384866	FERREX
Registration Number:	2988044	EFFAR
Registration Number:	2510833	SUPERSHIELD
Registration Number:	0785791	CORDOBOND
Registration Number:	2381553	PURFICTPURGE
Registration Number:	2419622	COLORGUARD
Serial Number:	85613044	INNOVEX

CORRESPONDENCE DATA

Fax Number: 2166960740

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.

Email: clevelandip@bakerlaw.com

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900293824 REEL: 005313 FRAME: 0724

Correspondent Name: Melanie S. Corcoran/Baker Hostetler LLP

Address Line 1: 1900 East 9th Street

Address Line 2: Suite 3200

Address Line 4: Cleveland, OHIO 44114

NAME OF SUBMITTER:	Melanie Corcoran
SIGNATURE:	/msc/
DATE SIGNED:	07/01/2014

Total Attachments: 5

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RELEASE OF SECURITY INTEREST IN TRADEMARK COLLATERAL

This RELEASE OF SECURITY INTEREST IN TRADEMARK COLLATERAL (this "Release") is made as of July 1, 2014 (the "Effective Date"), by PNC BANK, NATIONAL ASSOCIATION (as successor by merger to National City Bank), in its capacity as collateral agent for the Secured Parties (in such capacity, the "Collateral Agent"), in favor of FERRO CORPORATION, an Ohio corporation (the "Grantor"). Capitalized terms used but not otherwise defined herein shall have the respective meanings ascribed thereto in the Trademark Security Agreement (as defined below), or if not defined therein, in the Security Agreement (as defined below).

WITNESSETH:

WHEREAS, Grantor is a party to that certain Amended and Restated Pledge and Security Agreement, dated as of August 24, 2010 (as amended, supplemented, amended and restated or otherwise modified from time to time, the "Security Agreement"), among the Grantor, the Designated Borrowers from time to time party thereto, the various financial institutions and other Persons from time to time party thereto as lenders, PNC Bank, National Association, as administrative agent for the Lenders and as collateral agent for the Secured Parties and as the Issuer, and JPMorgan Chase Bank, N.A. and Bank of America, N.A., as the syndication agents, pursuant to which the Grantor executed and delivered that certain Amended and Restated Trademark Security Agreement, dated as of August 24, 2010 (as amended, supplemented, amended and restated or otherwise modified from time to time, the "Trademark Security Agreement");

WHEREAS, pursuant to the Trademark Security Agreement, the Grantor assigned, pledged, hypothecated, charged, mortgaged, delivered, and transferred to the Collateral Agent, for its benefit and the ratable benefit of each other Secured Party, and granted to the Collateral Agent, for its benefit and the ratable benefit of each other Secured Party, a continuing security interest in, among other things, certain property related to products used in connection with the Specialty Plastics Business, as such term is defined in that certain Asset Purchase Agreement, dated June 3, 2014 (the "Asset Purchase Agreement"), among the Grantor, Ferro Spain, S.A., a Spanish company and subsidiary of Ferro, A. Schulman, Inc., a Delaware corporation ("ASI"), and A. Schulman Castellon S.L.U., a Spanish company and indirect subsidiary of ASI, including the following property: (a)(i) the Trademarks, trade names, corporate names, company names, business names, fictitious business names, trade styles, service marks, certification marks, collective marks, logos and other source or business identifiers referred to in Schedule I hereto, and the goodwill of the business associated therewith, now existing or hereafter adopted or acquired whether currently in use or not, all registrations and recordings thereof and all applications in connection therewith, whether pending or in preparation for filing, including registrations, recordings and applications in the United States Patent and Trademark Office or in any office or agency of the United States of America or any State thereof or any other country or political subdivision thereof or otherwise, and all common-law rights relating to the foregoing, and (ii) the right to obtain all reissues, extensions or renewals of the foregoing (collectively referred to as the "Trademark"); (b) Trademark licenses for the grant by or to the Grantor of any right to use any Trademark referred to in Schedule I hereto; (c) all of the goodwill of the business connected with the use of, and symbolized by the items described in, clause (a), and to the extent applicable clause (b); (d) the right to sue third parties for past, present and future infringements of any Trademark collateral described in clause (a) and, to the extent applicable, clause (b); and (e) all Proceeds of, and rights associated with, the foregoing, including any claim by the Grantor against third parties for past, present or future infringement or dilution of any Trademark, Trademark registration or Trademark license, or for any injury to the goodwill associated with the use of any such Trademark or for breach or enforcement of any Trademark license and all rights corresponding thereto throughout the world (collectively, subparts (a) through (e), the "Released Trademark Collateral");

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WHEREAS, the Trademark Security Agreement was recorded with the United States Patent and Trademark Office at Reel/Frame 004269/0926 on August 30, 2010; and

WHEREAS, the Collateral Agent desires to release its lien on and continuing security interest in and to all of the right, title, and interest of the Grantor in the Released Trademark Collateral.

NOW THEREFORE, in consideration of the foregoing and other good and valuable consideration, receipt, and sufficiency of which are hereby acknowledged, Collateral Agent hereby releases, relinquishes and discharges, with respect to the Grantor, all of its security interest in all such Grantor's right, title, and interest in, to and under the Released Trademark Collateral, and re-assigns to the Grantor any and all right, title or interest it may have in the Released Trademark Collateral, all without warranty or representation of any kind.

The Collateral Agent hereby authorizes the Grantor, or the Grantor's authorized representatives to: (a) record this Release with the United States Patent and Trademark Office and/or any other applicable governmental office or Agency, and (b) file UCC financing statement amendments with the applicable filing office in order to memorialize the release of the lien on and security interest of the Collateral Agent in the Released Trademark Collateral.

[Signature page follows]

IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be executed by its duly authorized officer as of the Effective Date.

PNC BANK, NATIONAL ASSOCIATION, as

Collateral Agen

By:

Name: Christian Brown

Title: Senior Vice President

<u>Trademarks</u>

Trademarks

Matter ID	Mork	Country	Red No	Red Date	Renewel Date
			(Appl. No.)	(Filing Date)	
0655	APA Advanced Polymer Alloys	U.S.	2,278,998	9/21/1999	9/21/2019
0657AU	ALCRYN	Australia	398,814	10/21/1983	10/21/2014
0990	ALCRYN	Brazil	811349977	1/8/1985	1/8/2015
0661	ALCRYN	Canada	304,111	6/28/1985	6/28/2015
0662	ALCRYN	China	341,274	2/28/1989	2/27/2019
9990	ALCRYN	Indonesia	IDM 000147754	10/20/1987	10/20/2017
0671	ALCRYN	Hong Kong	17/1990	1/5/1990	10/21/2019
0673	ALCRYN	Israel	57417	1/1/1987	10/24/2018
9674	ALCRYN	Japan	1,830,038	12/25/1985	12/25/2015
\$290	ALCRYN	Japan	2,379,390	2/28/1992	2/28/2022
9/90	ALCRYN	U.S.	1,296,199	9/18/1984	9/18/2014
1890	ALCRYN	Singapore	4660/88	5/7/1990	8/29/2015
0682	ALCRYN	South Korea	105,879	10/12/1984	10/12/2014
6890	ALCRYN	Norway	128189	3/26/1987	3/26/2017
<i>L</i> 890	ALCRYN	Yugoslavia	29167	8/23/1986	8/23/2016
6890	ALCRYN	Taiwan	240,790	4/1/1984	4/1/2014
0690	ALCRYN	Switzerland	328,706	10/18/1983	10/18/2023
0691	ALCRYN	Mexico	334,414	10/22/1987	2/23/2022
6690	ALCRYN	EU-CTM	1,462,621	12/15/2000	1/7/2020
0711	DURAGRIP	U.S.	2,900,560	11/2/2004	11/2/2014
35506	DURACRYN	U.S.	(85/534390)	(2/6/2012)	NA
6090	GAPEX	U.S.	1,952,736	1/30/1996	1/30/2016
12038	RXLOY	U.S.	1,855,044	9/20/1994	9/20/2014
12039	OPTUM	U.S.	1,837,616	5/31/1994	5/31/2014
12079	FERREX	U.S.	1,384,866	3/4/1986	3/4/2016
14807	EFFAR	U.S.	2,988,044	8/23/2005	8/23/2015
0625	CORDOBOND	U.K.	2,054,756	1/30/1996	1/30/2016
6790	CORDOBOND	Indonesia	IDM000068588	9/26/1997	8/28/2016
0650	SUPERSHIELD	U.S.	2,510,833	11/20/2001	11/20/2021

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10472	CORDOBOND	Australia	A503,153	1/17/1989	1/17/2016
10543	CORDOBOND	Canada	369,339	6/8/1990	6/8/2020
10560	CORDOBOND	China	525658	8/10/1990	8/10/2020
10597	CORDOBOND	EastGermany	650,060	3/25/1992	6/30/2020
10602	STRONGBACKBOND	Greece	93798	5/17/1989	5/17/2019
10608	CORDOBOND	Hong Kong	3042/1990	10/6/1988	10/6/2019
10614	CORDOBOND	Hungary	131,588	10/3/1990	10/3/2020
10619	CORDOBOND	India	505,362	2/14/1989	2/14/2020
10655	CORDOBOND	Japan	2,454,098	9/30/1992	9/30/2022
10685	CORDOBOND	South Korea	182,941	11/10/1989	11/10/2019
10744	CORDOBOND	Poland	69,517	10/22/1990	10/22/2020
10752	STRONGBACKBOND	Portugal	256,633	11/24/1992	11/24/2022
10765	CORDOBOND	Singapore	T89/01592I	3/17/1989	3/17/2016
10766	CORDOBOND	Singapore	T89/01591J	3/17/1989	3/17/2016
10843	STRONGBACKBOND	Spain	1,308,351	5/16/1991	3/13/2019
10877	CORDOBOND	Taiwan	949,082	7/16/2001	7/15/2021
10916	CORDOBOND	Russia	96,946	6/24/1991	10/19/2020
11042	CORDOBOND	Denmark	VR	11/6/1992	11/6/2022
			199210242		
11043	CORDOBOND	Greece	112,523	12/19/1995	2/1/2023
11044	CORDOBOND	Mexico	415,769	6/9/1992	3/2/2022
11051	CORDOBOND	Malaysia	92/05839	8/18/1999	8/18/2019
11052	CORDOBOND	Thailand	TM 6150	9/2/2002	9/2/2022
12130	CORDOBOND	U.S.	785,791	3/2/1965	3/2/2015
	ULTRA		Common Law		
	ULTRASHIELD		Common Law		
	NIMEX		Common Law		
8690	PURFICTPURGE	U.S.	2,381,553	8/29/2000	8/29/2020
0698-EM	PURFICTPURGE	EU-CTM	1,295,146	4/10/2001	8/26/2019
0702	EFEX	EU-CTM	1,603,828	5/29/2002	4/6/2020
0649	COLORGUARD	U.S.	2,419,622	1/9/2001	1/9/2021
35797	INNOVEX	U.S.	(85/613,044)	(5/1/2012)	
35797.01	INNOVEX	EU-CTM	011301983	3/27/2013	10/29/2022

RECORDED: 07/01/2014

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