

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM520396

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	CHANGE OF NAME		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
ThyssenKrupp Resource Technologies GmbH		12/17/2013	Gesellschaft Mit Beschränkter Haftung (GmbH):
RECEIVING PARTY DATA			
Name:	ThyssenKrupp Industrial Solutions GmbH		
Street Address:	ThyssenKrupp Allee 1		
City:	Essen		
State/Country:	GERMANY		
Postal Code:	45143		
Entity Type:	Gesellschaft Mit Beschränkter Haftung (GmbH): GERMANY		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Registration Number:	1939106	POLYSIUS	
CORRESPONDENCE DATA			
Fax Number:			
<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>			
Phone:	3125252728		
Email:	tkna.ip-docket@thyssenkrupp.com		
Correspondent Name:	thyssenkrupp north america Inc. ip serv.		
Address Line 1:	111 W. Jackson Blvd		
Address Line 2:	Suite 2400		
Address Line 4:	Chicago, ILLINOIS 60604		
DOMESTIC REPRESENTATIVE			
Name:	THYSSENKRUPP NORTH AMERICA INC. IP SERV.		
Address Line 1:	111 W JACKSON BLVD		
Address Line 2:	SUITE 2400		
Address Line 4:	CHICAGO, ILLINOIS 60604		
NAME OF SUBMITTER:	William J Cassin		
SIGNATURE:	/William J. Cassin Reg. No. 65192/		

OP \$40.00 1939106

DATE SIGNED:

04/23/2019

Total Attachments: 15

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No. of Entry	a) Company name b) Registered seat, branch, local business address, authorized recipient, branch offices c) Object of the company	Share capital or capital stock	a) Common policies of representation b) Executive board of members, executive body, board members, general partners, members, authorized representatives and holders of special power of representation	Power of attorney (Prokura)	a) Legal form, founding date, bylaws or company agreement b) Other legal relationships	a) Date of Entry b) Remarks
1	<p>a) POLYSIUS Aktiengesellschaft</p> <p>b) Beckum</p> <p>c) The object of the company is: a) the construction, manufacture and sale of machinery and equipment of all kinds, in particular for the chemical, iron-making and construction industry; b) the construction, acquisition, leasing, lease holding and operation of the company; c) the acquisition and expansion of industrial rights. The company is entitled to all transactions and measures that are necessary or useful for the purpose of establishing the business of the Company. In particular, it may set up branches in Switzerland and abroad and engage in other types of business, provided that these activities and transactions are related to the purpose of the company or are likely to promote that purpose.</p>	<p>EUR 21.000.000,00</p>	<p>a) The executive consists of at least two members. The company shall be represented by two executive board members acting jointly or by one executive board member together with an authorized signatory.</p> <p>b) Executive board member: Hauer, Jürgen, Merchant, Oelde Executive board: Dr.-Ing. Künster, Detlev, DOB 07 MAR 1958 Executive board member: Dr. rer. pol. Cherfas, Friedrich-Wilhelm, Oelde</p>	<p>Collective powers together with a board member or another authorized signatory: Althaus, Norbert, Dipl.-Ing., Oelde Schneider, Ernst Wilhelm, Dipl.-Ing., Kiesel Bachard, Günter, Dipl.-Ing., Gumarsteinbach Mayer, Bruno, Ing., Beckum Petzel, Norbert, Dipl.-Ing., Beckum Lihoff, Herbert, Oelde Gross, Bernd, Dipl.-Ing. Emmersloh, DOB 24 JUL 1950 Hörsne, Axel, Beckum Adams, Christian Heinrich, Beckum Menzel, Karl, Dipl.-Ing., Emmersloh, DOB 26 AUG 1954 Petels, Bernd, Godshard, Meerbusch, DOB 11 AUG 1949 Jürgenmann, Jöcher, Warendorf, DOB 26 MAY 1954 Speckmann, Jost, Dipl.-Ing., Linen, DOB 9 JUL 1937 Rüzes, Frank, Shanghai, DOB 1 DEC 1955 Spitzer, Holger, Ass. Ing., Oelde, DOB 12 JUL 1981 Luffler, Reinhard, Emmersloh, DOB 19 APR 1951 Expash, Ingo, Dipl.-Ing., Beckum, DOB 14 FEB 1961 Dr.-Ing. Rose, Detlev, Oelde, DOB 23 MAY 1962</p>	<p>a) Stock corporation Bylaws on 21 OCT 1988 Last amended on 28 FEB 2002</p> <p>b) The company has signed a domination and profit-sharing agreement with Thyssen Krupp Engineering AG, Dortmund, as governing company with the approval of the shareholders' meeting on 14 JUN 1996.</p>	<p>a) 26 JUL 2004 Jürgens</p> <p>b) Date of first entry: 31 DEC 1988 This page has been rewritten in order to be combined electronically and whilst changing local jurisdiction, it has replaced the previous register page HR B 1145 Beckum Local Court. Released on 26 JUL 2004.</p>
2		<p>DEM 21.000.000,00</p>			<p>b) Officially recorded according to Section 319 ZPO: Entry on 26 JUL 2004 (currency) corrected.</p>	<p>a) 17 SEP 2004 Jürgens</p>
3			<p>Collective powers together with a board member or another authorized signatory: Dr.-Ing. Schurz, Detmer, Beckum, DOB 27 AUG 1961</p>			<p>a) 19 OCT 2004 Althaus-Zurhuesch</p>

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No. of Entry	a) Company name b) Registered seat, branch, local business address, authorized recipient, branch offices c) Object of the company	Shares capital or capital stock	a) Common policies of representation b) Executive board of members, executive body, board members, general partners, members, authorized representatives and holders of special power of representation	Power of attorney (Prokura)	5	a) Legal form, founding date, bylaws or company agreement b) Other legal relationships	a) Date of entry b) Remarks
1	2	3	4	5	6	7	
5				Power of attorney expired: Ahrens, Norbert, Ubl. Jns., Celste Power of attorney expired: Schroeder, Ernst Wilhelm, Dipl.-Ing., Krefeld		a) 11 NOV 2004 Ahrens-Zumtassch b) The company, as acquiring legal entity pursuant to the merger agreement dated 26 APR 2005 as well as the approving resolution of the shareholders' meeting of the transferring legal entity on 26 APR 2005 has merged via absorption with Multi Set Engineering Maschinen- u. Anlagentechnik GmbH with registered office in Duisburg (Duisburg Local Court HRB 68226).	a) 27 MAY 2005 Schroeder b) Merger agreement Volume 442-447 Special Volume Shareholders' resolution page 450-453 Special Volume.
6				Collective powers together with a board member or another authorized signatory: Reinemann, Alfred, MuzB, DOB 23 JAN 1947 Power of attorney expired: Dr. Jns. Rose, Celste, DOB 23 MAY 1952 Power of attorney expired: Jungmann, Lothar, Dipl.-Ing., Warendorf, DOB 26 MAY 1954		a) 12 JAN 2006 Ahrens-Zumtassch b) 05 MAY 2006 Ahrens-Zumtassch	
7			b) Appointed as Executive Board member: Jungmann, Lothar, Warendorf, DOB 26 MAY 1954 Appointed as Executive Board member: Dr. Jns. Rose, Celste, DOB 23 MAY 1952 a) No longer Executive board member: Jungmann, Lothar, Warendorf, DOB 26 MAY 1954				
8			b) No longer Executive board member: Jungmann, Lothar, Warendorf, DOB 26 MAY 1954				a) 05 FEB 2007 Ahrens-Zumtassch
9				Power of attorney expired: Mayer, Bruno, Jns., Beckum Collective powers together with a board member or another authorized signatory: Kerner, Josef, Wadersloh, DOB 4 DEC 1949 Dr. Mergentrost, Sebastian, Celste, DOB 2 FEB 1962			a) 28 JUN 2007 Geisgarte

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1						7
10			a) Appointed as Executive board member: Patzelt, Norbert, Beckum, DOB 31 DEC 1954 b) No longer Executive board member: Bauer, Jürgen, merchant, Geide	Power of attorney expired: Patzelt, Norbert, Dipl.-Ing., Beckum, DOB 31 DEC 1951	a) 22 NOV 2007 Ahlens-Zumthasch	
11						
12				Collective powers together with a board member or another authorized signatory: Tiggas, Alexander, Geide, DOB 16 AUG 1969	a) 13 DEC 2007 Ahlens-Zumthasch	
13				Collective powers together with a board member or another authorized signatory: Dr. Fehrmeyer, Ansgar, Geide, DOB 8 MAR 1968, Kohnen, Jürgen, Beckum, DOB 2 SEP 1963	a) 7 JAN 2008 Ahlens-Zumthasch	
14				Collective powers together with a board member or another authorized signatory: Kresch, Johann, Waderob, DOB 10 JUL 1954, Fleischmann, Matthias, Hella, DOB 2 OCT 1958 Power of attorney expired: Ulthoff, Herbert, Geide	a) 9 JUN 2008 Ahlens-Zumthasch	
15				Collective powers together with a board member or another authorized signatory: Radtke, Dieter, Essen, DOB 10 NOV 1951	a) 23 OCT 2008 Ahlens-Zumthasch	
16	b) Officially amended as business address pursuant to Section 48 EGBARF.			Collective powers together with a board member or another authorized signatory: Radtke, Dieter, Essen, DOB 10 NOV 1951	a) 29 JUN 2009 Ahlens-Zumthasch	
				Collective powers together with a board member or another authorized signatory:	a) 14 JAN 2010 Ahlens-Zumthasch	

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1	2 Graf-Galen-Strasse 17, 55269 Beckum	3	4	5 Ehlers, Karl-Friedrich, Algen, DOB: 7. JAN. 1960 Power of attorney excluded. Burchard, Gregor, Dipl.-Volkswirt	6	7
17						
18						a) 03 SEP 2010 Tweethöfen
19				Collective powers, together with a board member or another authorized signatory. Steinbrink, Karl, Herrin, DOB: 07. JUL. 1947		a) 17 JAN 2011 Hörmberg
20	a) ThyssenKrupp Polysius Aktiengesellschaft	EUR 10.737.000,00			b) The company as acquiring legal entity pursuant to the merger agreement dated 09 AUG 2010 and the approving resolution of the shareholders' meeting of the transferring legal entity on 09 AUG 2010 has merged with Meß- und Regeltechnik mbH with registered office in Essen (Essen Local Court HRB 760). a) The general meeting on 14 JUN 2011 adopted the resolution to amend the bylaws in Section 1 (Company name and registered office) and with it to change the company name. Furthermore, it was resolved to convert the basic capital to DEM 21.000.000,00 to EUR 10.737.000,00 as well as at the same time a reduction of the basic capital by EUR 128,51 to EUR 10.737.000,00 and the corresponding amendment of the bylaws in Section 6 (Basic capital and shares) as well as to revise the bylaws attached. The capital reduction has been implemented.	a) 04 MAY 2011 Tweethöfen

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21				Power of attorney and/or Prokura: Rucks, Carst., Dipl.-Ing. Dornier, DOB: 1 DEC 1955 Collective powers together with a board member or another authorized signatory: Dr. Schmitt, Thomas, DOB: 22 JUL 1962 Collective powers together with a board member or another authorized signatory: Kästner, Gerdhard, Madensloh, DOB: 11 NOV 1949 Baumeister, Axel, Emmerich, DOB: 08 MAY 1970 Power of attorney expired: Reipshamm, Alfred, Meiers, DOB: 23 JAN 1947			1) 06 DEC 2011 Ahlens-Zumharsch
22				Power of attorney and/or Prokura: Lutter, Plausend, Emmerich, DOB: 19 APR 1961		1) 15 APR 2012 Ahlens-Zumharsch	
23						1) 04 JUN 2012 Ahlens-Zumharsch	
24			b) No longer Executive board member: Dr. rer. pol. Dietrich, Friedrich-Wilhelm, Oelde			1) 29 NOV 2012 Ahlens-Zumharsch	
25			b) Appointed as Executive board member: Franka, Heike, Düsseldorf, DOB: 13 AUG 1963			1) 29 NOV 2012 Ahlens-Zumharsch	
26			b) No longer Executive board member: Patzelt, Norbert, Ischum, DOB: 31 DEC 1957			1) 14 DEC 2012 Ahlens-Zumharsch	
27			b) Appointed as Executive board member: Brewka, Christof, Colorado, USA, DOB: 18 JUN 1961 Appointed as			1) 09 MAR 2013 Ahlens-Zumharsch	

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1	2	3	4 Executive board member: Hilbig, Martin, Viersch, DOB 27 FEB 1969 Appointed as Executive board: Shethara, Ramona, Calgary, DOB 06 MAY 1991	5	7	
28	a) ThyssenKrupp Resource Technologies AG c) The object of the company is: at the construction, manufacture and sale of machinery and equipment of all kinds, in particular for the chemical, iron-ore and construction industry, by the planning, construction, and sale of machinery as well as industrial plants and systems in particular the company develops and constructs manufactures components and systems for the day-milling, hot-die, processing, stamping and hot-chamber hardening systems (including steel and bridge construction) and their distribution. It also provides other technical services of all kinds.		b) Appointed as Executive board: Jürgenmann, Lothar, Warndorf, DOB 26 MAY 1964		a) 11 MAR 2013 Ablers-Zuhlsch	
29					a) The shareholders' meeting on 24 JAN 2013 adopted the resolution to amend the bylaws in Section 1 (Company name and registered office) and with it the change of the company name as well as the amendment of the bylaws in Section 2 (Object of the company). b) The company as acquiring legal entity pursuant to the merger agreement dated 24 JAN 2013 and the approving resolution of the shareholders' meeting of its general meeting on 24 JAN 2013 and the transferring legal entity on 24 JAN 2013 has merged with ThyssenKrupp Eisenwerk GmbH with registered office in Essen (Essen Local Court HRB 12184).	a) 2 APR 2013 Twenhöven
30				Collective powers together with a board member or another authorized signatory: Gieschthardt, Thomas, Exarsten, DOB 2 JAN 1962	a) 10 APR 2013 Ablers-Zuhlsch	

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1				<p>Rues, Frank, Stierwald, DOB 1 DEC 1966 Strohhauser, Michael, Dornaggen, DOB 29 AUG 1955 Reilwe, Reinhold, Everwinkel, DOB 17 DEC 1958 Dr. Bicker, Bernd, Essen, DOB 1 AUG 1962 Fietzer, Heiter, Sangerhausen, DOB 16 APR 1961 Grotz, Wolfgang, Dasselburg, DOB 3 JAN 1960 Hase, Hans-Jürgen, Sandbühren, DOB 19 JAN 1962 Labahn, Einar, Münster, DOB 16 SEP 1951 Langemann, Heinrich, Dasselburg, DOB 20 JAN 1962 Maack, Michael, Frosdorf, DOB 28 SEP 1957 Maack, Gerhard, Frosdorf, DOB 29 OCT 1950 Menckhof, Ralph, Blöndel, DOB 18 MAR 1959 Neumann, Detlef, Beckum, DOB 15 APR 1954 Pausenberger, Gerd, Enningendorf, DOB 13 NOV 1958 Polowinski, Ernest, Beckum, DOB 2 JUL 1951 Scheuer, Jürgen, Beckum, DOB 24 MAY 1954 Schuck, Andreas, Loxvitzhausen, DOB 30 JUN 1969 Dr. Möggers, Franz-Johannes, Nissen, DOB 13 APR 1958 Dr. Th. Völ, Sandbühren, DOB 23 OCT 1958</p>		
31	<p>a) Thysenkrupp Paszeuge, Technologies GmbH b) Company address: Thysenkrupp Allee 1, 45143 Essen</p>		<p>a) The company is being represented by two managing directors or by one managing director together with an authorized signatory. b) Appointed as managing director: Shenana, Ramise, Calicut, DOB 8 MAY 1961 Appointed as managing director: Brewes, Christof, Calicut, USA, DOB 18 JUN 1961 Appointed as managing director: Franke, Heiko, Düsseldorf, DOB 13 AUG 1963 Appointed as managing director: Hilbig, Martin, Viersen, DOB 27 FEB 1956</p>	<p>Collective powers together with a managing director or another authorized signatory. Power of attorney amended, new: Adams, Christian, Heinvich, Beckum, DOB 30 FEB 1953 Power of attorney amended, new: Ghoss, Bernd, Dipl.-Ing. Enningendorf, DOB 24 JUL 1950 Power of attorney amended, new: Rohde, Axel, Beckum, DOB 23 MAY 1948 Power of attorney amended, new: Maserel, Nad, Dipl.-Ing. Enningendorf, DOB 28 AUG 1954 Power of attorney amended, new: Pabers, Bernd, Garlsberg, Meerbusch, DOB 11 AUG 1949 Speckmann, Jörg, Dipl.-Ing. Lünen, DOB 9 JUN 1957 Power of attorney amended, new:</p>	<p>a) Limited liability company Company agreement on 16 APR 2013 The general meeting on 16 APR 2013 passed the resolution to change the legal form including the change of the company name. b) Established through change of legal form of Thysenkrupp Resource Technologies AG. The company has a supervisory board.</p>	<p>a) 8 MAY 2013 Ceasing</p>

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1	2	3	4	5	6	7
	<p>Appointed as Managing director: Junkermann, Lothar, Warendorf, DOB 26 MAY 1964 No longer Managing director: Dr.-Ing. Kasper, Detlev, Teckle, DOB 07 MAR 1958 No longer Managing director: Dr.-Ing. Rose, Detlev, Delle, DOB 23 MAY 1962</p>		<p>Spitzer, Heiger, Ass. jur., Oelde, DOB 12 JUL 1951 Power of attorney amended, now: Engeln, Ingo, Dipl.-Ing., Beckum, DOB 14 FEB 1961 Power of attorney amended, now: Dr.-Ing. Schutz, Dietmar, Beckum, DOB 27 AUG 1961 Power of attorney amended, now: Klanner, Jozsef, Wadersloh, DOB 04 DEC 1949 Power of attorney amended, now: Dr. Mergemuth, Sebastian, Oelde, DOB 02 FEB 1962 Power of attorney amended, now: Tiggas, Alexander, Oelde, DOB 16 AUG 1969 Power of attorney amended, now: Dr. Eckerhoffer, Andreas, Oelde, DOB 06 MAR 1958 Power of attorney amended, now: Kochner, Jürgen, Beckum, DOB 2 SEP 1963 Power of attorney amended, now: Kraack, Johann, Wadersloh, DOB 19 JUL 1954 Power of attorney amended, now: Heischuh, Matthias, Halle, DOB 2 OCT 1958 Power of attorney amended, now: Radtke, Dieter, Essen, DOB 10 NOV 1961 Power of attorney amended, now: Ehlers, Karl-Friedrich, Alpen, DOB 07 JAN 1960 Power of attorney amended, now: Steffens, Karl, Hamm, DOB 07 JUL 1947 Power of attorney amended, now: Dr. Schmitz, Thomas, Oelde, DOB 22 JUL 1962 Power of attorney amended, now: Kastingschäfer, Gerhard, Wadersloh, DOB 11 NOV 1949 Power of attorney amended, now: Baumeister, Axel, Emmerloh, DOB 9 MAY 1970 Power of attorney amended, now: Gelschäger, Thomas, Dorselen, DOB 2 JAN 1962 Power of attorney amended, now: Rucos, Frank, Shanghaï, DOB 1 DEC 1965 Power of attorney amended, now: Brachthäuser, Michael, Dornmagen, DOB 29 AUG 1955 Power of attorney amended, now: Rehrens, Reinhard, Evernsinkel, DOB 17 DEC 1958</p>			

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1	2	3	4	5	6	7
				<p>Dr. Binder, Bernd, Essen, LOB 01 AUG 1952 Power of attorney amended, now: Fichtner, Heinz, Sarreguemines, DOB 16 APR 1951 Power of attorney amended, now: Groß, Wolfgang, Duisburg, DOB 03 JAN 1950 Power of attorney amended, now: Hulse, Hans-Jürgen, Saarbrücken, DOB 10 JAN 1962 Power of attorney amended, now: Leiblein, Einar, Münster, DOB 10 SEP 1951 Power of attorney amended, now: Kampfermeier, Heinrich, Duxsevel, DOB 20 JUN 1953 Power of attorney amended, now: Mäack, Michael, Fortbach, DOB 29 SEP 1957 Power of attorney amended, now: Mauch, Stephan, Frankenthal, DOB 29 OCT 1959 Power of attorney amended, now: Mehlhorn, Ralph, Sarreguemines, DOB 18 MAR 1959 Power of attorney amended, now: Meislaus, Detlef, Eschburg, DOB 15 APR 1954 Power of attorney amended, now: Pankratz, Gerd, Emmerten, DOB 13 NOV 1955 Power of attorney amended, now: Prassewski, Detlef, Bochum, DOB 02 JUL 1963 Power of attorney amended, now: Steuter, Jürgen, Beckath, DOB 24 MAY 1954 Power of attorney amended, now: Storch, Andreas, Leverkusen, DOB 30 JUN 1958 Power of attorney amended, now: Dr. Weyers, Franz-Maria, Küstel, DOB 13 APR 1958 Power of attorney amended, now: Dr. Ye. Ye. Sashchenko, DOB 23 DEC 1955 Power of attorney expired: Peters, Bernd, Godthard Meerbusch, DOB 11 AUG 1949 Power of attorney expired: Hoern, Axel, Beckum, DOB 28 MAY 1948</p>		
32						<p>a) 27 MAY 2013 Ahrens-Zumharsch b) 15 AUG 2013 Ahrens-Zumharsch</p>
33						

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1	2	3	4	5	6	7
34			Power of attorney expired. Ehlers, Karl-Friedrich, Alben, DOB: 7. JAN 1960			a) 14 NOV 2013 Abten-Zurhastert; b) 10 JAN 2014 Closing
35					b) The company as acquiring legal entity pursuant to the merger agreement dated 17 DEC 2013 and the approving resolution of the shareholders' meeting of its general meeting on 17 DEC 2013 and the shareholders' meeting of the transferring legal entity on 17 DEC 2013 has merged with ThyssenKrupp Industrial Solutions GmbH with registered office in Henning (Hamburg Local Court HRB 203652); b) The company as acquiring legal entity pursuant to the merger agreement dated 17 DEC 2013 and the approving resolution of the shareholders' meeting of its general meeting on 17 DEC 2013 and the shareholders' meeting of the transferring legal entity on 17 DEC 2013 has merged with ThyssenKrupp Ubox GmbH with registered office in Schirnward (Denmark Local Court HRB 2281).	a) 10 JAN 2014 Closing
36						
37	a) ThyssenKrupp Industrial Solutions GmbH c) The object of the company is the development, planning, production, construction and disassembly, commissioning and repair of industrial products and plants of all kinds in particular plants, ships, yards, machines, components and systems for industrial use in all areas and herewith related services.				a) The shareholders' meeting on 17 DEC 2013 adopted the resolution to amend the company agreement in Section 1 and with it to change the name of the company as well as in Section 2 (Object of the company). Furthermore, the company agreement was revised correspondingly, including Section 3 (Composition, election, term, and supervisory board).	a) 10 JAN 2014 Closing

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1	2	3	4	5	6	7
1	<p>a) Another object of the company is the management of its own assets as well as the carrying out of all related transactions and the management of companies and the acquisition and disposal, holding and management of interests in other companies engaged in the above activities. The company also provides services to companies with the above-mentioned object and the management of the companies of the Business Area Industrial Solutions.</p>					
38			<p>s) No longer Managing director: Sprengle, Hermann, Calgary / Canada, DOB: 6 MAY 1951 No longer Managing director: Brewka, Christof, Colorado, USA, DOB: 18 JUN 1961 No longer Managing director: Fraglich, Heiko, Düsseldorf, DOB: 13 AUG 1963 No longer Managing director: Jungermann, Lothar, Warendorf, DOB: 28 MAY 1924 Managing director: Dr. Arzgoeden, Hans Christoph, Ratingen, DOB: 18 APR 1955 Managing director: Dr. Papek, Joachim Felix, Essen, DOB: 14 APR 1952 Managing director: Schneeweiß, Jörg, Friedewald, DOB: 18 JAN 1962</p>	<p>Directors powers together with a managing director or another shareholder: Achermann, Marc, Dortmund, DOB: 10 AUG 1972 Barow, Ulrich, Cologne, DOB: 03 JUN 1964 Baumann, Corinna, Ziesberg, DOB: 18 JUN 1963 Becker, Andreas, Dörscheid, DOB: 17 JUN 1968 Behrens, Reinhard, Ewerthswald, DOB: 17 JUN 1958 Dr. Bender, Christian, Düsseldorf, DOB: 7 JUN 1974 Bernstedt, Carsten, Gumburg, DOB: 23 JUN 1967 Dr. Brackler, Peter, Herten, DOB: 07 MAY 1962 Dr. Braker, Jörg, Dortmund, DOB: 13 APR 1965 Brause, Christof, Cologne, USA, DOB: 19 JUN 1961 Bumester, Andreas, Kiel, DOB: 22 JUN 1968 Conrad, Michael, Mülheim an der Ruhr, DOB: 18 AUG 1959 Friedrichs, Werner, Lünen, DOB: 29 NOV 1958 Gensch, Torsten, Düsseldorf, DOB: 19 JUN 1968 Hachmann, Bernd, Lünen, DOB: 24 APR 1961 Hasebein, Jörg, Wipac, DOB: 24 APR 1962 Heinrich-Adler, Max, Münster, DOB: 27 MAR 1973 Heydemann, Martin, Holzwickede, DOB: 27 FEB 1964 Hilber, Martin, Urmig, DOB: 10 MAY 1956 Hoffmann, Alfred, Herten, DOB: 14 JUL 1963 Jäschke, Hubertus, Bielefeld, DOB: 12 AUG 1977 Jungermann, Lothar, Warendorf, DOB: 28 MAY 1924 Kampmann, Heinrich, Duisburg, DOB: 29 JUN 1960 Dr. Kirsch, Uwe, Stuttgart, DOB: 01 FEB 1966 Dr. Klausmann, Walter, Hamburg, DOB: 11 OCT 1951</p>		<p>a) 10 JAN 2014 Closing</p>

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No. of Entry	a) Company name b) Registered seat, branch, local business address, authorized recipient, branch offices c) Object of the company	Share capital or capital stock	a) Common policies of representation b) Executive board of members, executive body, board members, general partners, members, authorized representatives and holders of special power of representation	Power of attorney (Prokura)	a) Legal form, founding date, bylaws or company agreement b) Other legal relationships	a) Date of Entry b) Remarks
1	2	3	4	5	6	7
				<p>Knauffe, Hamut, Suibach, DOB 18 JUL 1938 Köster, Torsten, Cismbrück, DOB 03 AUG 1963 Dr. Köster, Dirk, Dortmund, DOB 19 AUG 1964 Dr. Kühne, Ludwig-Philipp, Fuldatal, DOB 06 JUN 1955 Köhr, Hans-Theo Franz Heinrich, Krefeld, DOB 14 MAR 1956 Dr. Lazaridis, Savas, Rheinfeld, DOB 14 OCT 1961 Lichte, Dirk, Nordkirchen, DOB 04 JUL 1963 Dr. Lütge, Christoph, Ufma, DOB 17 DEC 1963 Malgowski, Dirk, Dipl.-Kfm., Dortmund, DOB 06 DEC 1962 Markus, Maria, Dusseldorf, DOB 28 MAY 1975 Messoth, Michael, Bochum, DOB 08 DEC 1950 Mitzsch, Stefan, Gladbeck, DOB 28 MAY 1955 Nölpe, Michael, Manden, DOB 22 JAN 1968 Nellen, Heinrich, Grevenbroich, DOB 27 AUG 1959 Dr. Oesert, Jürgen, Lathlingen, DOB 07 SEP 1972 Pfeiffer, Dag, Inden, DOB 23 AUG 1985 Peibert, Matthias, Essen Rauner, Cosima, Essen, DOB 27 FEB 1974 Richmann, Raf, Dortmund, DOB 24 JAN 1959 Dr. Röyer, Olaf, Vester, DOB 12 JUN 1951 Scheidt, Frank, Dösselhof, DOB 01 AUG 1977 Schmidt, Hans-Joachim, Frankfurt, DOB 27 FEB 1959 Schneiders, Klaus, Ufma, DOB 22 MAY 1941 Dr. Schulze, Joachim, Soest, DOB 26 APR 1980 Schumacher, Michael, Mülheim an der Ruhr, DOB 13 OCT 1952 Shehata, Ramsis, Calgary / Canada, DOB 6 MAY 1951 Sieben, Peter Michael, Hohlheim, DOB 03 JAN 1962 Slimberg, Sascha, Dortmund, DOB 20 JUN 1975 Straßer, Falk, Lawyer, Wuppertal, DOB 24 APR 1969 Szorn, Erich, Witten, DOB 11 SEP 1952 Dr. Terhaag, Ulrich, Nettetal, DOB 14 MAR 1964 Vilhnow, Reinhard, Kronberg/Ht., DOB 25 AUG 1956 Voss, Markus, Oberhausen, DOB 15 SEP 1965 Weber, Jörg, Herdecke, DOB 16 DEC 1984 Dr. Wegmann, Joachim, Dortmund, DOB 6 JAN 1956 Winking-Berges, Bernd, Frankfurt am Main, DOB 20 DEC 1953</p>		

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No. of Entry	a) Company name b) Registered seat, branch, local business address, authorized recipient, branch offices c) Object of the company	Share capital or capital stock	a) Common policies of representation b) Executive board of members, executive body, board members, general partners, members, authorized representatives and holders of special power of representation	Power of attorney (Prokureur)	a) Legal form, founding date, bylaws or company agreement b) Other legal relationships	a) Date of Entry b) Remarks
1	2	3	4	5	6	7
39				Witthien, Rainer, Königsleip, DOB 7 JAN 1956 Zürmigen, Andreas, Essen, DOB 22 AUG 1964 Kneibloch, Andreas, Dortmund, DOB 16 MAY 1954 Coloche's power's together with a managing director or another, authorized signatory. After amendment of the date of birth now: Palmer, Matthias, Essen, DOB 28 OCT 1963		a) 14 JAN 2014 Ceasing b) Entry officially corrected pursuant to Section 17 II HRV
40					b) After relocation and change of legal form, ThyssenKrupp Technologies Eisenkugeln GmbH, Essen (Essen Local Court HRB 21754) is now governing company in place of Thyssen Krupp Engineering AG, Dortmund (Dortmund Local Court HRB 14024).	a) 5 MAR 2014 Ceasing b) Amended entry pertaining to consecutive number 1
41				Power of attorney expired: Körner, Jörn, Beckum, DOB 2 SEPT 1963 Power of attorney expired: Knecht, Johann, Warendorf, DOB 10 JUL 1954	b) Pursuant to the resolution of the shareholders' meeting on 15 JAN 2014, the company changed its legal form into ThyssenKrupp Industrial Solutions AG with registered office in Bochum (Münster Local Court HRB 14842).	a) 10 MAR 2014 Ceasing

[Already in English:]

The above printout which I, the notary public Dr. Ulrich Irriger, Essen, prepared from the document that I retrieved electronically today with the content shown to me on the monitor, attests the content of the Commercial Register. This is certified herewith in accordance with Sec. 39 of the German Code of Authentication (BeurkG).

Essen, March 19, 2019

[Signature]
Dr. Irriger
Notary Public

[Official notary seal]

I, Robert Avery Grey, sworn German-English translator appointed by the Frankfurt Regional Court, hereby certify that the above translation from the original document is accurate and complete.

Frankfurt am Main, Germany, 3rd April 2019



