PowerShares DB Gold Fund Form SC 13G/A February 07, 2018

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No.10) *

PowerShares DB Gold Fund NAME OF ISSUER:

TITLE OF CLASS OF SECURITIES: Exchange Traded Product

CUSIP NUMBER: 73936B606

DATE OF EVENT WHICH REQUIRES FILING OF THIS STATEMENT: December 31, 2017

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

> [X] Rule 13d-1(b) [] Rule 13d-1(c) [] Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be 'filed' for the purpose of Section 18 of the Securities Exchange Act of 1934 ('Act') or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP NUMBER: 73936B606

- Names of Reporting Persons The Bank of New York Mellon Corporation (1)IRS Identification Nos. of Above Persons IRS No.13-2614959
- Check the Appropriate Box if a Member of a Group (See Instructions) (a) () (b) ()

(3)	SEC use only			
(4)	Citizenship or Place of	Orga	nization	New York
Number of Shares Beneficially Owned by Each Reporting Person With		(5)	Sole Voting Power	883 , 168
		(6)	Shared Voting Power	0
		(7)	Sole Dispositive Power	373 , 754
		(8)	Shared Dispositive Power	509,414
	ggregate Amount Beneficia y Each Reporting Person	lly O	wned	883 , 168

(10) Check if the Aggregated Amount in Row (9) Excludes Certain

Shares (see Instructions)			()		
(11) Percent of Class Represented by Amount in Row (9)			25.98%		
(12) Type of Reporting Person	(12) Type of Reporting Person (See Instructions) HC				
CUSIP NUMBER: 73936B606					
(1) Names of Reporting Pers		Above Persons	BNY Mellon IHC, LLC IRS No. 82-2121983		
(2) Check the Appropriate Box if a Member of a Group (See Instructions) (a) () (b) ()					
(3) SEC use only					
(4) Citizenship or Place of	f Orga	anization	New York		
Number of Shares	(5)	Sole Voting Power	509,414		
Beneficially Owned by Each	(6)	Shared Voting Power	0		
Reporting Person With	(7)	Sole Dispositive Po	ower 0		
	(8)	Shared Dispositive	Power 509,414		
(9) Aggregate Amount Beneficia by Each Reporting Person	ally (Dwned	509,414		
(10) Check if the Aggregated Amount in Row (9) Excludes Certain Shares (see Instructions) ()					
(11) Percent of Class Represented by Amount in Row (9) 14.98%					
(12) Type of Reporting Person	(See]	Instructions)	НС		
CUSIP NUMBER: 73936B606					
(1) Names of Reporting Persons MBC Investments Corporation IRS Identification Nos. of Above Persons IRS No.51-0301132					
(2) Check the Appropriate Box if a Member of a Group (See Instructions) (a) () (b) ()					
(3) SEC use only					
(4) Citizenship or Place of	f Orga	anization	Delaware		
Number of Shares	(5)	Sole Voting Power	509,414		
Beneficially Owned by Each	(6)	Shared Voting Power	2 0		
Reporting Person With	(7)	Sole Dispositive Po	ower 0		
	(8)	Shared Dispositive	Power 509,414		
 (9) Aggregate Amount Beneficially Owned by Each Reporting Person 509,414 (10) Check if the Aggregated Amount in Row (9) Excludes Certain 					
(10) Check if the Aggregated Al	ouIIL	III NOW (3) EXCIUDES	CELCALII		

Shares (see Instructions))		()
(11) Percent of Class Represented by Amount in Row (9)			14.98%
(12) Type of Reporting Person	(See	Instructions)	НС
CUSIP NUMBER: 73936B606			
(1) Names of Reporting Per IRS Identification Nos		The Dreyfus Above Persons IRS No	Corporation
(2) Check the Appropriate (a) () (b) ()	Box i	f a Member of a Group (See In	structions)
(3) SEC use only			
(4) Citizenship or Place of	of Orga	anization	New York
Number of Shares	(5)	Sole Voting Power	509,414
Beneficially Owned by Each	(6)	Shared Voting Power	0
Reporting Person With	(7)	Sole Dispositive Power	0
	(8)	Shared Dispositive Power	509,414
(9) Aggregate Amount Benefici	ially (Dwned	509,414
(10) Check if the Aggregated <i>B</i> Shares (see Instructions)		in Row (9) Excludes Certain	()
(11) Percent of Class Represer	nted by	y Amount in Row (9)	14.98%
(12) Type of Reporting Person	(See	Instructions)	IA
CUSIP NUMBER: 73936B606			
	caona	The Bank of New	Vork Mollon
(1) Names of Reporting Per IRS Identification Nos			.13-5160382
(2) Check the Appropriate (a) () (b) ()	Box i	f a Member of a Group (See In	structions)
(3) SEC use only			
(4) Citizenship or Place of	of Orga	anization	New York
Number of Shares	(5)	Sole Voting Power	373 , 593
Beneficially Owned by Each	(6)	Shared Voting Power	0
Reporting Person With	(7)	Sole Dispositive Power	373 , 593
	(8)	Shared Dispositive Power	0
(9) Aggregate Amount Benefici	ially (Dwned	373 , 593
(10) Check if the Aggregated A	Amount	in Row (9) Excludes Certain	

Shares (see Instructions)			()		
(11) Percent of Class Represented by Amount in Row (9)			10.99%		
(12) Type of Reporting Person (See I	nstructions)	BK		
CUSIP NUMBER: 73936B606					
(1) Names of Reporting Persons BNY Mellon Investment Management					
IRS Identification Nos.	of A	(Jersey) Limited bove Persons IRS No.			
(2) Check the Appropriate B (a) () (b) ()	ox if	a Member of a Group (See Ins	tructions)		
(3) SEC use only					
(4) Citizenship or Place of	Orga	nization	Jersey		
Number of Shares	(5)	Sole Voting Power	0		
Beneficially Owned by Each	(6)	Shared Voting Power	0		
Reporting Person With	(7)	Sole Dispositive Power	0		
	(8)	Shared Dispositive Power	509,414		
(9) Aggregate Amount Beneficially Owned by Each Reporting Person 509,414					
(10) Check if the Aggregated Amount in Row (9) Excludes Certain Shares (see Instructions) ()					
(11) Percent of Class Represented by Amount in Row (9) 14.98%					
(12) Type of Reporting Person (See Instructions) HC					
CUSIP NUMBER: 73936B606					
(1) Names of Reporting Pers	ons	BNY Mellon Investment	Management		
IRS Identification Nos.	of A	(Europe) Limited bove Persons IRS No.) Limited IRS No.		
(2) Check the Appropriate B (a) () (b) ()					
(3) SEC use only					
(4) Citizenship or Place of	Orga	nization	London		
Number of Shares	(5)	Sole Voting Power	0		
Beneficially Owned by Each	(6)	Shared Voting Power	0		
Reporting Person With	(7)	Sole Dispositive Power	0		
	(8)	Shared Dispositive Power	509,414		

	Aggregate Amount Benefi by Each Reporting Perso	-	509,414		
(10)	Check if the Aggregated Shares (see Instruction	Amount in Row (9) Excludes Certain s)	()		
(11)	Percent of Class Repres	ented by Amount in Row (9)	14.98%		
(12)	Type of Reporting Perso	n (See Instructions)	НС		
CUSIP	NUMBER: 73936B606				
(1)	Names of Reporting P	ersons BNY Mellon Investment Manage	ment Europe		
	IRS Identification N	Holdings limited os. of Above Persons IRS No			
(2)	Check the Appropriat (a) () (b) ()	e Box if a Member of a Group (See In	structions)		
(3)	SEC use only				
(4)	Citizenship or Place	of Organization	London		
	r of Shares	(5) Sole Voting Power	0		
Owned	ficially d by Each	(6) Shared Voting Power	0		
With	ting Person	(7) Sole Dispositive Power	0		
		(8) Shared Dispositive Power	509,414		
	Aggregate Amount Benefi by Each Reporting Perso	-	509,414		
	Check if the Aggregated Shares (see Instruction	Amount in Row (9) Excludes Certain s)	()		
(11) Percent of Class Represented by Amount in Row (9) 14.98%					
(12) Type of Reporting Person (See Instructions) HC					
CUSIP	NUMBER: 73936B606				
(1)	• •				
	IRS Identification N	Management Gross of Above Persons IRS No	.98-0464992		
(2)	Check the Appropriat (a) () (b) ()	e Box if a Member of a Group (See In	structions)		
(3)	SEC use only				
(4)	Citizenship or Place	of Organization	London		
	r of Shares	(5) Sole Voting Power	0		
Owned	icially by Each	(6) Shared Voting Power	0		
Repor With	ting Person	(7) Sole Dispositive Power	0		

	(8) Shared Dispositive Power	509,414			
(9) Aggregate Amount by Each Reporting	Beneficially Owned g Person	509,414			
(10) Check if the Aggr Shares (see Instr	regated Amount in Row (9) Excludes Certai ructions)	n ()			
(11) Percent of Class	Represented by Amount in Row (9)	14.98%			
(12) Type of Reporting	g Person (See Instructions)	HC			
CUSIP NUMBER: 73936B	3606				
(1) Names of Repor	-	ement Limited No.98-0196145			
(2) Check the Appr (a) () (b)	ropriate Box if a Member of a Group (See	Instructions)			
(3) SEC use only					
(4) Citizenship or	r Place of Organization	London			
Number of Shares	(5) Sole Voting Power	0			
Beneficially Owned by Each	(6) Shared Voting Power	0			
Reporting Person With	(7) Sole Dispositive Power	0			
	(8) Shared Dispositive Power	509,414			
(9) Aggregate Amount by Each Reporting	Beneficially Owned g Person	509,414			
(10) Check if the Aggregated Amount in Row (9) Excludes Certain Shares (see Instructions) ()					
(11) Percent of Class Represented by Amount in Row (9) 14.98%					
(12) Type of Reporting Person (See Instructions) HC					
CUSIP NUMBER: 73936B606					
(1) Names of Reporting Persons Newton Investment Managemen					
IRS Identifica	(North America) ation Nos. of Above Persons IRS	Limited No.98-0196226			
(2) Check the Appr (a) () (b)	ropriate Box if a Member of a Group (See	Instructions)			
(3) SEC use only					
(4) Citizenship or	r Place of Organization	London			
Number of Shares	(5) Sole Voting Power	0			
Beneficially Owned by Each Reporting Person	(6) Shared Voting Power	0			

With	0 0	(7) Sole Dispositive Power	0			
WICII			•			
		(8) Shared Dispositive Power	509,414			
	egate Amount Beneficial ach Reporting Person	ly Owned	509,414			
	k if the Aggregated Amo es (see Instructions)	unt in Row (9) Excludes Certain	()			
(11) Perc	ent of Class Represente	d by Amount in Row (9)	14.98%			
(12) Type	of Reporting Person (S	ee Instructions)	IA			
		SCHEDULE 13G				
Item 1(a)	Name of Issuer:	PowerShares DB Gold Fund				
Item 1(b)	Address of Issuer's	Principal Executive Office:				
		c/o Invesco PowerShares Capital Management LLC 3500 Lacey Road, Suite 700 Downers Grove, Illinois 60515 United States				
Item 2(a)	Name of Person Fili	ng: The Bank of New York Mello and any other reporting pe identified on the second p cover page(s) and Exhibit	rson(s) eart of the			
Item 2(b)	Address of Princip	cal Business Office, or if None, C/O The Bank of New York Mell 225 Liberty Street New York, New York 10286 (for all reporting person	on Corporation			
Item 2(c)	Citizenship:	See cover page and Exhibit	I			
Item 2(d)	Title of Class of	Securities: Exchange Traded	Product			
CUSIP Number 73936B606						
Item 3	See Item 12 of cover Person ") for each re	page(s) ("Type of Reporting porting person.				
	Symbol Category					
		ealer registered under Section 1 Exchange Act of 1934	5 of the			
	BK = Bank as def Exchange Ac	ined in Section 3(a)(6) of the S t of 1934	ecurities			
		Company registered under Section Company Act of 1940	8 of the			
		Advisor registered under Section Advisors Act of 1940	203 of the			

- EP = Employee Benefit Plan, Pension Fund which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see Section 240.13 - d(1)(b)(1)(ii)(F)
- HC = Parent Holding Company, in accordance with Section 240.13-d(1)(b)(1)(ii)(G)

The amount beneficially owned includes, where appropriate, securities not outstanding which are subject to options, warrants, rights or conversion privileges that are exercisable within 60 days. The securities reported herein as beneficially owned may exclude securities of the issuer with respect to which voting and/or dispositive power is exercised by subsidiaries of The Bank of New York Mellon Corporation, or departments or units thereof, independently from the exercise of those powers over the securities reported herein. See SEC Release No. 34-39538 (January 12, 1998). The filing of this Schedule 13G shall not be construed as an admission that The Bank of New York Mellon Corporation, or its direct or indirect subsidiaries, including The Bank of New York Mellon and BNY Mellon, National Association, are for the purposes of Section 13(d) or 13(g) of the Act, the beneficial owners of any securities covered by this Schedule 13G.

The following information applies if checked: () The Bank of New York Mellon and/or () The Bank of New York Mellon Trust Company, National Association is/are the trustee of the issuer's employee benefit plan (the Plan), which is subject to ERISA. The securities reported include all shares held of record by such reporting person(s) as trustee of the Plan which have not been allocated to the individual accounts of employee participants in the Plan. The reporting person, however, disclaims beneficial ownership of all shares that have been allocated to the individual accounts of employee participants in the Plan for which directions have been received and followed.

Item 5 Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following ()

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

All of the securities are beneficially owned by The Bank of New York Mellon Corporation and its direct or indirect subsidiaries in their various fiduciary capacities. As a result, another entity in every instance is entitled to dividends or proceeds of sale. The number of individual accounts holding an interest of 5% or more is (2)

- Item 7 Identification and Classification of the Subsidiary Which Acquired
 the Security Being Reported by the Parent Holding Company:
 See Exhibit I.
- Item 8 Identification and Classification of Members of the Group: N/A
- Item 9 Notice of Dissolution of Group: N/A

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for

the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired and are not held in connection with or as a participant in any transaction having such purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct. This filing is signed by The Bank of New York Mellon Corporation on behalf of all reporting entities pursuant to Rule 13d-1(k)(1) promulgated under the Securities and Exchange Act of 1934, as amended.

February 7, 2018 Date:

THE BANK OF NEW YORK MELLON CORPORATION

By: /s/ IVAN R. ARIAS

Ivan R. Arias Attorney-In-Fact

EXHIBIT I

The shares reported on the attached Schedule 13G are beneficially owned by the following direct or indirect subsidiaries of The Bank of New York Mellon Corporation, as marked (X):

- The Item 3 classification of each of the subsidiaries listed below is "Item 3(b) Bank as defined in Section 3(a)(6) of the Act" (15 U.S.C. 78c) or "Item 3(j)A non-U.S. institution in accordance with Rule 240.13d-1 (b)(1)(ii)(J)"
 - The Bank of New York Mellon (parent holding company of Mellon Overseas Investment Corporation; BNY International Financing Corporation; The Bank of New York Mellon SA/NV; Cutwater Holdings, LLC)
 - The Bank of New York Mellon Trust Company, National Association
 - () BNY Mellon, National Association
 - () BNY Mellon Trust of Delaware
 - The Bank of New York Mellon SA/NV (parent holding company of BNY Mellon Service Kapitalanlage-Gesellschaft mbH)
- The Item 3 classification of each of the subsidiaries listed below is "Item 3(e) An investment adviser in accordance with Section 240.13d-1 (b) (1) (ii) (E) " or "Item 3(j) A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J)"
 - () ARX Investimentos Ltda (parent holding company of BNY Mellon Alocacao de Patrimonia Ltda.)
 - () BNY Mellon Alocacao de Patrimonia Ltda
 - () BNY Mellon Servicos Financeiros Distribuidora de Titulos e Valores Mobiliarios S.A. (parent holding company of BNY Mellon Administracao de Ativos Ltda.)
 - () BNY Mellon Administracao de Ativos Ltda.
 - () The Boston Company Asset Management LLC
 - (X) The Dreyfus Corporation (parent holding company of MBSC Securities Corporation)
 - () Insight Investment Management (Global) Limited

 - () Lockwood Advisors, Inc.() Mellon Capital Management Corporation

- (X) Newton Investment Management (North America) Limited
- () Newton Investment Management Limited
- () Standish Mellon Asset Management Company LLC
- () CenterSquare Investment Management Holdings, Inc. (parent holding company of CenterSquare Investment Management, Inc.)
- () CenterSquare Investment Management, Inc.
- () Walter Scott & Partners Limited
- () BNY Mellon Wealth Management, Advisory Services, Inc.
- () BNY Mellon Trust Company (Cayman) Limited
- () BNY Mellon Investment Management Cayman Limited
- () Cutwater Asset Management Corporation
- () Cutwater Investor Services Corporation
- () Pareto Investment Management Limited
- () BNY Mellon Asset Management Japan Limited
- (C) The Item 3 classification of each of the subsidiaries listed below is "Item 3(a) Broker or dealer registered under Section 15 of the Act" (15 U.S.C. 78c) or "Item 3(j) A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J)"
 - (X) BNY Mellon Capital Markets, LLC
 - () MBSC Securities Corporation
 - (X) Pershing LLC
- (D) The Item 3 classification of each of the subsidiaries listed below is "Item 3(g) a parent holding company or control person in accordance with Rule 13d-1(b) (1) (ii) (G)"
 - (X) The Bank of New York Mellon Corporation
 - () B.N.Y. Holdings (Delaware) Corporation (parent holding company of BNY Mellon Trust of Delaware)
 - (X) BNY Mellon IHC, LLC (as parent holding company of MBC Investments Corporation)
 - (X) MBC Investments Corporation (parent holding company of Mellon Capital Management Corporation; BNY Mellon Investment Management (Jersey) Ltd.; BNY Mellon Investment Management APAC LP; Standish Mellon Asset Management Company LLC; The Boston Company Asset Management LLC; The Dreyfus Corporation; ARX Investimentos Ltda. - Brazil
 - (X) BNY Mellon Investment Management (Jersey) Ltd. (parent holding company of BNY Mellon Investment Management (Europe) Ltd.)
 - (X) BNY Mellon Investment Management (Europe) Ltd. (parent holding company of BNY Mellon Investment Management Europe Holdings Ltd.; BNY Mellon Investment Management Cayman Ltd.)
 - (X) BNY Mellon Investment Management Europe Holdings Ltd. (parent holding company of BNY Mellon International Asset Management Group Limited)
 - (X) BNY Mellon International Asset Management Group Limited (parent holding company of Newton Management Limited; BNY Mellon International Asset Management (Holdings) Limited; Insight Investment Management Limited)
 - (X) Newton Management Limited (parent holding company of Newton Investment Management (North America) Limited; Newton Investment Management Limited)
 - () BNY Mellon International Asset Management (Holdings) Limited (parent holding company of BNY Mellon International Asset Management (Holdings) No. 1 Limited)
 - () BNY Mellon International Asset Management (Holdings) No. 1 Limited (parent holding company of Walter Scott & Partners Limited)
 - () Insight Investment Management Limited (parent holding company of Insight Investment Management (Global) Limited; Pareto Investment Management Limited)
 - () BNY Mellon Investment Management APAC LP (Parent holding company of BNY Mellon Investment Management (APAC) Holdings Limited

- () BNY Mellon Investment Management (APAC) Holdings Limited (parent holding company of BNY Mellon Asset Management Japan Limited)
- (X) Pershing Group LLC (parent holding company of Lockwood Advisors, Inc; Pershing LLC)
- () Mellon Overseas Investment Corporation (parent holding company of Mellon Canada Holding Company; BNY Mellon Participacoes Ltda.)
- () Mellon Canada Holding Company (parent holding company of BNY Mellon Wealth Management, Advisory Services, Inc)
- () BNY Mellon Participacoes Ltda.(parent holding company of BNY Mellon Servicos Financeiros Distribuidora de Titulos e Valores Mobiliarios S.A.)
- () BNY International Financing Corporation (parent holding company of BNY Mellon Trust Company (Cayman) Limited)
- () Cutwater Holdings LLC (parent holding company of Cutwater Asset Management Corporation; Cutwater Investor Services Corporation)
- (X) BNY Capital Markets Holdings, Inc. (parent holding company of BNY Mellon Capital Markets, LLC)

NOTE: ALL OF THE LEGAL ENTITIES LISTED UNDER (A), (B), (C) AND (D) ABOVE ARE DIRECT OR INDIRECT SUBSIDIARIES OF THE BANK OF NEW YORK MELLON CORPORATION. BENEFICIAL OWNERSHIP OF MORE THAN FIVE PERCENT OF THE CLASS BY ANY ONE OF THE SUBSIDIARIES OR INTERMEDIATE PARENT HOLDING COMPANIES LISTED ABOVE IS REPORTED ON A JOINT REPORTING PERSON PAGE FOR THAT SUBSIDIARY ON THE ATTACHED SCHEDULE 13G AND IS INCORPORATED IN THE TOTAL PERCENT OF CLASS REPORTED ON THE BANK OF NEW YORK MELLON CORPORATION'S REPORTING PERSON PAGE. (DO NOT ADD THE SHARES OR PERCENT OF CLASS REPORTED ON EACH JOINT REPORTING PERSON PAGE ON THE ATTACHED SCHEDULE 13G TO DETERMINE THE TOTAL PERCENT OF CLASS FOR THE BANK OF NEW YORK MELLON CORPORATION).

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS that each of the undersigned (each a "Company") does hereby make, constitute and appoint each of Nicholas R. Darrow, Ivan Arias and Andrew Weiser (and any other employee of The Bank of New York Mellon Corporation, or one of its affiliates, associated with the Global Holdings Reporting Group and designated in writing by one of the attorneys-in-fact), acting individually, its true and lawful attorney to execute and deliver in its name and on its behalf, whether the Company is acting individually or as representative of others, any and all filings, be they written or oral, required to be made by the Company with respect to securities which may be deemed to be beneficially owned by the Company or under the Company's investment discretion under:

*the Securities Exchange Act of 1934, as amended (the "Exchange Act"), including those filings required to be submitted on Form 13F, Schedule 13G, Schedule 13D and Forms 3, 4 and 5, and

*the laws of any jurisdiction other than the United States of America, including those filings made to disclose securities holdings as required to be submitted to regulatory agencies, exchanges and/or issuers,

giving and granting unto each said attorney-in-fact power and authority to correspond with issuers, regulatory authorities, and other entities as is required in support of the filings referenced above, and to act in the premises as fully and to all intents and purposes as the Company might or could do to comply with the applicable regulations if personally

present by one of its authorized signatories (including, but not limited to, instructing local counsel on a Company's behalf), hereby ratifying and confirming all that said attorney-in-fact shall lawfully do or cause

THIS POWER OF ATTORNEY shall remain in full force and effect until either revoked in writing by the Company or until such time as the person or to whom power of attorney has been hereby granted cease(s) to be an persons employee of The Bank of New York Mellon Corporation or one of its affiliates.

This Power of Attorney may be executed in any number of counterparts all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned hereby execute this Agreement effective as of the date set forth below.

Banks/Bank Holding Companies |

THE BANK OF NEW YORK MELLON CORPORATION

BNY MELLON, NATIONAL ASSOCIATION

By: /S/ MITCHELL E.HARRIS

----Mitchell E. Harris
Chief Executive Officer,
Investment Management
Date: March 17, 2017

By: /S/ DONALD HEBERLE

Donald Heberle
Chief Executive Officer

Date: September 16, 2015

BNY MELLON, NATIONAL ASSOCIATION
By: /S/ THOMAS J. DICKER

THE BANK OF NEW YORK MELLON SA/NV

Thomas J. Dicker
Chief Operating Officer
Date: October 9, 2015

By: /S/ LAURA AHTO

Laura Ahto
Chief Executive Officer
Date: May 17, 2016

THE BANK OF NEW YORK MELLON

THE BANK OF NEW YORK MELLON

By: /S/ MITCHELL E. HARRIS
----Mitchell E. Harris
Senior Executive Vice President

By: /S/ CURTIS ARLEDGE

-----Curtis Arledge
Vice Chairman

Date: September 18, 2015

Date: August 26, 2015

THE BANK OF NEW YORK MELLON TRUST COMPANY, NATIONAL ASSOCIATION

THE BANK OF NEW YORK MELLON TRUST COMPANY, NATIONAL ASSOCIATION

By: /S/ ANTONIO PORTUONDO

Antonio Portuondo
President
Date: October 20, 2015

By: /S/ KURTIS R. KURIMSKY

----Kurtis R. Kurimsky
Executive Vice President
Date: March 8, 2016

BNY MELLON TRUST OF DELAWARE

BNY MELLON TRUST OF DELAWARE

By: /S/ JAMES P. AMBAGIS

By: /S/ LEE JAMES WOOLLEY

James P. Ambagis Lee James Woolley President Chairman and

Chief Executive Officer

Date: October 21, 2015 Date: October 19, 2015

Investment Advisers and/or Broker-Dealers

PERSHING LLC

_____ Claire Santaniello

Chief Administrative Officer and Chief Risk Officer

Date: May 24, 2016

ARX INVESTIMENTOS LTDA

By: /S/ CAMILA SOUZA _____

Camila Souza Director

Date: January 4, 2016

BNY MELLON SERVICOS FINANCEIROS DISTRIBUIDORA DE TITULOS E VALORES MOBILIARIOS S.A.

By: /S/ CARLOS ALBERTO SARAIVA _____

Carlos Alberto Saraiva Director

Date: May 5, 2016

BNY MELLON ADMINISTRACAO DE ATIVOS LTDA

By: /S/ CARLOS ALBERTO SARAIVA By: /S/ MARCUS VINICIUS MATHIAS PEREIRA

Carlos Alberto Saraiva Director

Date: May 5, 2016

BNY MELLON ALOCACAO DE PATRIMONIO T₁TDA

By: /S/ GUSTAVO CASTELLO BRANCO By: /S/ CAMILA SOUZA

Gustavo Castello Branco Director

Date: January 4, 2016

THE BOSTON COMPANY ASSET MANAGEMENT BNY MELLON ASSET MANAGEMENT JAPAN

LLC

BNY MELLON CAPITAL MARKETS, LLC

By: /S/ CLAIRE SANTANIELLO By: /S/ JEFF GEARHART _____

Jeff Gearhart

Chief Operating Officer

Date: October 19, 2016

ARX INVESTIMENTOS LTDA

By: /S/ GUILHERME ABRY _____ Guilherme Abry

Director

Date: January 4, 2016

BNY MELLON SERVICOS FINANCEIROS DISTRIBUIDORA DE TITULOS E VALORES MOBILIARIOS S.A.

By: /S/ MARCUS VINICIUS MATHIAS PEREIRA _____

> Marcus Vinicius Mathias Pereira Director

Date: May 5, 2016

BNY MELLON ADMINISTRACAO DE ATIVOS LTDA

Marcus Vinicius Mathias Pereira

Director

Date: May 5, 2016

BNY MELLON ALOCACAO DE PATRIMONIO

Camila Souza Director

Date: January 4, 2016

LIMITED

13

By: /S/ BART GRENIER

Bart Grenier Chairman and

Chief Executive Officer

Date: July 16, 2015

THE DREYFUS CORPORATION

By: /S/ JAMES BITETTO _____

James Bitetto Secretary

Date: July 30, 2015

LOCKWOOD ADVISORS, INC.

By: /S/ JOHN J. BRETT

John J. Brett Chairman

Date: July 30, 2015

MELLON CAPITAL MANAGEMENT CORPORATION

By: /S/ W. CHRISTOPHER APPLER

W. Christopher Appler Managing Director and Chief Compliance Officer

Date: August 4, 2015

NEWTON INVESTMENT MANAGEMENT LIMITED

By: /S/ JAMES HELBY

James Helby Director

Date: July 17, 2015

CENTERSQUARE INVESTMENT MANAGEMENT HOLDINGS, INC.

By: /S/ R. JOSEPH LAW

R. Joseph Law

Chief Financial Officer and Chief Compliance Officer

Date: July 15, 2015

By: /S/ SHIZU KISHIMOTO

Shizu Kishimoto

Representative Director

and President Date: August 5, 2015

INSIGHT INVESTMENT MANAGEMENT

(GLOBAL) LIMITED

By: /s/ CHARLES FARQUHARSON

Charles Farquharson Chief Risk Officer Date: February 16, 2016

STANDISH MELLON ASSET MANAGEMENT

COMPANY LLC

By: /S/ DAVID LEDUC

David Leduc

Chief Executive Officer and Chief Investment Officer

Date: October 23, 2015

MBSC SECURITIES CORPORATION

By: /S/ KENNETH J. BRADLE

Kenneth J. Bradle

President

Date: April 29, 2016

NEWTON INVESTMENT MANAGEMENT

(NORTH AMERICA) LIMITED

By: /S/ JAMES HELBY

James Helby

Chief Risk Officer

Date: June 30, 2016

CENTERSQUARE INVESTMENT MANAGEMENT,

By: /S/ R. JOSEPH LAW

R. Joseph Law

Chief Financial Officer and Chief Compliance Officer

Date: July 15, 2015

WALTER SCOTT & PARTNERS LIMITED PARETO INVESTMENT MANAGEMENT LIMITED

By: /S/ RODGER NISBET By: /S/ CHARLES FARQUHARSON Rodger Nisbet Charles Farquharson Executive Chairman Chief Risk Officer Date: July 15, 2015 Date: February 16, 2016 BNY MELLON WEALTH MANAGEMENT, BNY MELLON INVESTMENT MANAGEMENT ADVISORY SERVICES, INC. CAYMAN LTD By: /S/ BRENDON J. DONNELLAN By: /S/ MARIE-CLAUDE LEPAGE Marie-Claude Lepage Brendon J.Donnellan Chief Compliance Officer Director Date: May 9, 2016 Date: August 22, 2016 BNY MELLON TRUST COMPANY BNY MELLON TRUST COMPANY (CAYMAN) LIMITED (CAYMAN) LIMITED By: CANELLA SECRETARIES By: CANELLA SECRETARIES (CAYMAN) LTD, SECRETARY (CAYMAN) LTD, SECRETARY By: /S/GILLIAN NELSON By: /S/ PATRICIA BRUZIO _____ ______ Gillian Nelson Patricia Bruzio Authorized Person Authorized Person Date: May 17, 2016 Date: May 17, 2016 CUTWATER INVESTOR SERVICES CUTWATER ASSET MANAGEMENT CORPORATION CORPORATION By: /S/ CLIFFORD CORSO By: /S/ CLIFFORD CORSO _____ ______ Clifford Corso Clifford Corso Chief Executive Officer Chief Executive Officer Date: March 16, 2015 Date: March 16, 2015 Parent Holding Companies/Control Persons B.N.Y. HOLDINGS (DELAWARE) CORPORATION PERSHING GROUP LLC By: /S/ CLAIRE SANTANIELLO By: /S/ JAMES P. AMBAGIS _____ James P. Ambagis Claire Santaniello President Chief Administrative Officer and Chief Risk Officer Date: October 21, 2015 Date: May 11, 2016 BNY MELLON INVESTMENT MANAGEMENT BNY MELLON INVESTMENT MANAGEMENT (APAC) HOLDINGS LIMITED (APAC) HOLDINGS LIMITED By: /S/ EMILY CHAN By: /S/ DONI SHAMSUDDIN /3/ EMILI CHAN _____ Emily Chan Doni Shamsuddin

Director

Director

Date: April 19, 2016 Date: April 19, 2016

BNY MELLON INTERNATIONAL ASSET NEWTON MANAGEMENT LIMITED

MANAGEMENT GROUP LIMITED

_____ Greg Brisk

By: /S/ KURTIS R. KURIMSKY

Director

By: /S/ GREG BRISK

Date: October 21, 2015

BNY MELLON IHC, LLC

Kurtis R. Kurimsky Vice President and

Controller

Date: March 29, 2017

MELLON OVERSEAS INVESTMENT INSIGHT INVESTMENT MANAGEMENT CORPORATION

By: /S/ KURTIS R. KURIMSKY

Kurtis R. Kurimsky

Vice President and Controller

Date: October 7, 2015

BNY INTERNATIONAL FINANCING

CORPORATION

By: /S/ KURTIS R. KURIMSKY

Kurtis R. Kurimsky President and Comptroller

Date: May 12, 2016

EUROPE HOLDINGS LIMITED

By: /S/ GREG BRISK

Greg Brisk

Director

Date: October 21, 2015

(JERSEY) LIMITED

By: /S/ GREG BRISK

Greg Brisk Director

Date: October 21, 2015

By: /S/ HELENA MORRISSEY _____

Helena Morrissev

Director

Date: July 17, 2015

MBC INVESTMENTS CORPORATION

By: /S/ PAUL A. GRIFFITHS

Paul A. Griffiths Chairman, President and Chief Executive Officer

Date: April 29, 2016

LIMITED

By: /S/ CHARLES FARQUHARSON

Charles Farquharson Chief Risk Officer

Date: February 16, 2016

BNY INTERNATIONAL FINANCING

CORPORATION

By: /S/ JOHN M. ROY

John M. Roy Vice President

Date: August 15, 2016

BNY MELLON INVESTMENT MANAGEMENT BNY MELLON INVESTMENT MANAGEMENT (EUROPE) LIMITED

By: /S/ GREG BRISK ______

Greg Brisk

Director

Date: October 21, 2015

BNY MELLON INVESTMENT MANAGEMENT BNY CAPITAL MARKETS HOLDINGS, INC.

By: /S/ THOMAS P. GIBBONS

Thomas P. Gibbons Vice Chairman and Chief

Financial Officer

Date: October 24, 2015

BNY MELLON INTERNATIONAL ASSET MANAGEMENT (HOLDINGS) LIMITED

By: /S/ GREG BRISK

Greg Brisk Director

Date: October 21, 2015

MELLON CANADA HOLDING COMPANY

By: /S/ KELLY SCHWARTZ

______ Kelly Schwartz

President and Director

Date: May 3, 2016

BNY MELLON PARTICIPACOES LTDA

_____ Carlos Alberto Saraiva

Director

Date: May 5, 2016

BNY MELLON INVESTMENT MANAGEMENT

APAC LP

By: BNY MELLON INVESTMENT MANAGEMENT HOLDINGS, LLC, GENERAL PARTNER

By: /S/ PAUL A. GRIFFITHS

Paul A. Griffiths

President

GESELLSCHAFT mbH

Date: April 29, 2016

BNY MELLON INTERNATIONAL ASSET MANAGEMENT (HOLDINGS) No. 1 LIMITED

By: /S/ GREG BRISK

Greg Brisk Director

Date: October 21, 2015

CUTWATER HOLDINGS, LLC

By: /S/ CLIFFORD CORSO

Clifford Corso

Chief Executive Officer

Date: March 16, 2015

BNY MELLON PARTICIPACOES LTDA

By: /S/ CARLOS ALBERTO SARAIVA By: /S/ MARCUS VINICIUS MATHIAS PEREIRA

Marcus Vinicius Mathias Pereira Director

Date: May 5, 2016

Fund Administrators

By: /S/ KATARINA MELVAN

_____ Katarina Melvan

Managing Director(Chairman)

Date: August 19, 2016

BNY MELLON SERVICE KAPITALANLAGE- BNY MELLON SERVICE KAPITALANLAGE-GESELLSCHAFT mbH

By: /S/ CAROLINE SPECHT

Caroline Specht Managing Director Date: August 19, 2016

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), the undersigned hereby agree to

any and all joint filings required to be made on their behalf on Schedule 13G (including amendments thereto) under the Exchange Act, with respect to securities which may be deemed to be beneficially owned by them under the Exchange Act, and that this Agreement be included as an Exhibit to any such joint filing. This Agreement may be executed in any number of counterparts all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned hereby execute this Agreement effective as of the date set forth below.

| Banks/Bank Holding Companies |

THE BANK OF NEW YORK MELLON CORPORATION

By: /S/ MITCHELL E.HARRIS

ORPORATION

Mitchell E. Harris Chief Executive Officer,

Chief Executive Officer, Chief Executive Officer
Investment Management

Date: March 17, 2017 Date: September 16, 2015

BNY MELLON, NATIONAL ASSOCIATION THE BANK OF NEW YORK MELLON SA/NV

By: /S/ THOMAS J. DICKER By: /S/ LAURA AHTO

Thomas J. Dicker Laura Ahto
Chief Operating Officer Chief Executive Officer

Date: October 9, 2015 Date: May 17, 2016

THE BANK OF NEW YORK MELLON THE BANK OF NEW YORK MELLON

By: /S/ MITCHELL E. HARRIS

----Mitchell E. Harris
Senior Executive Vice President

By: /S/ CURTIS ARLEDGE
----Curtis Arledge
Vice Chairman

Date: August 27, 2015

Date: August 26, 2015

THE BANK OF NEW YORK MELLON TRUST COMPANY, NATIONAL ASSOCIATION

COMPANY, NATIONAL ASSOCIATION

By: /S/ ANTONIO PORTUONDO

By: /S/ KURTIS R. KURIMSKY

Antonio Portuondo Kurtis R. Kurimsky
President Executive Vice President
Date: October 20, 2015 Date: March 8, 2016

BNY MELLON TRUST OF DELAWARE BNY MELLON TRUST OF DELAWARE

By: /S/ JAMES P. AMBAGIS

James P. Ambagis

President

By: /S/ LEE JAMES WOOLLEY

Lee James Woolley

Chairman and

Chairman and Chief Executive Officer

THE BANK OF NEW YORK MELLON TRUST

BNY MELLON, NATIONAL ASSOCIATION

Donald Heberle

By: /S/ DONALD HEBERLE

Date: October 21, 2015 Date: October 19, 2015

Investment Advisers and/or Broker-Dealers ______ PERSHING LLC BNY MELLON CAPITAL MARKETS, LLC By: /S/ CLAIRE SANTANIELLO By: /S/ JEFF GEARHART Jeff Gearhart Claire Santaniello Chief Administrative Officer Chief Operating Officer and Chief Risk Officer Date: May 24, 2016 Date: October 19, 2016 ARX INVESTIMENTOS LTDA ARX INVESTIMENTOS LTDA By: /S/ CAMILA SOUZA By: /S/ GUILHERME ABRY Camila Souza Guilherme Abry Director Director Date: January 4, 2016 Date: January 4, 2016 BNY MELLON SERVICOS FINANCEIROS BNY MELLON SERVICOS FINANCEIROS DISTRIBUIDORA DE TITULOS E VALORES DISTRIBUIDORA DE TITULOS E VALORES MOBILIARIOS S.A. MOBILIARIOS S.A. By: /S/ CARLOS ALBERTO SARAIVA By: /S/ MARCUS VINICIUS MATHIAS PEREIRA _____ Carlos Alberto Saraiva Marcus Vinicius Mathias Pereira Director Director Date: May 5, 2016 Date: May 5, 2016 BNY MELLON ADMINISTRACAO DE ATIVOS BNY MELLON ADMINISTRACAO DE ATIVOS LTDA LTDA By: /S/ CARLOS ALBERTO SARAIVA By: /S/ MARCUS VINICIUS MATHIAS PEREIRA Marcus Vinicius Mathias Pereira Carlos Alberto Saraiva Director Director Date: May 5, 2016 Date: May 5, 2016 BNY MELLON ALOCACAO DE PATRIMONIO BNY MELLON ALOCACAO DE PATRIMONIO LTDA LTDA By: /S/ GUSTAVO CASTELLO BRANCO By: /S/ CAMILA SOUZA _____ Gustavo Castello Branco Camila Souza Director Director Date: January 4, 2016 Date: January 4, 2016 THE BOSTON COMPANY ASSET MANAGEMENT BNY MELLON ASSET MANAGEMENT JAPAN T.T.C. LIMITED By: /S/ BART GRENIER By: /S/ SHIZU KISHIMOTO _____ _____

Shizu Kishimoto

Bart Grenier

Chairman and Representative Director
Chief Executive Officer and President

Date: July 16, 2015 Date: August 5, 2015

THE DREYFUS CORPORATION INSIGHT INVESTMENT MANAGEMENT

(GLOBAL) LIMITED

By: /S/ JAMES BITETTO

By: /s/ CHARLES FARQUHARSON

James Bitetto

Secretary

By: /s/ CHARLES FARQUHARSON

Charles Farquharson

Chief Risk Officer

Date: July 30, 2015 Date: February 16, 2016

LOCKWOOD ADVISORS, INC. STANDISH MELLON ASSET MANAGEMENT COMPANY LLC

By: /S/ JOHN J. BRETT By: /S/ DAVID LEDUC

John J. Brett David Leduc
Chairman Chief Executive Officer

and Chief Investment Officer
Date: July 30, 2015

Date: October 23, 2015

MELLON CAPITAL MANAGEMENT MBSC SECURITIES CORPORATION CORPORATION

By: /S/ W. CHRISTOPHER APPLER

W. Christopher Appler

Managing Director and

By: /S/ KENNETH J. BRADLE

Kenneth J. Bradle

President

Date: August 4, 2015 Date: April 29, 2016

Chief Compliance Officer

NEWTON INVESTMENT MANAGEMENT LIMITED NEWTON INVESTMENT MANAGEMENT (NORTH AMERICA) LIMITED

By: /S/ JAMES HELBY

James Helby

Director

Chief Risk Officer

Director Chief Risk Officer
Date: July 17, 2015 Date: June 30, 2016

CENTERSQUARE INVESTMENT MANAGEMENT CENTERSQUARE INVESTMENT MANAGEMENT, HOLDINGS, INC.

By: /S/ R. JOSEPH LAW
By: /S/ R. JOSEPH LAW

R. Joseph Law
Chief Financial Officer and
Chief Compliance Officer
Date: July 15, 2015

R. Joseph Law
Chief Financial Officer and
Chief Compliance Officer
Date: July 15, 2015

WALTER SCOTT & PARTNERS LIMITED PARETO INVESTMENT MANAGEMENT LIMITED

Executive Chairman Chief Risk Officer Date: July 15, 2015 Date: February 16, 2016

BNY MELLON WEALTH MANAGEMENT, BNY MELLON INVESTMENT MANAGEMENT ADVISORY SERVICES, INC. CAYMAN LTD

By: /S/ MARIE-CLAUDE LEPAGE By: /S/ BRENDON J. DONNELLAN

Marie-Claude Lepage Brendon J.Donnellan Chief Compliance Officer

Director Date: May 9, 2016 Date: August 22, 2016

BNY MELLON TRUST COMPANY BNY MELLON TRUST COMPANY (CAYMAN) LIMITED (CAYMAN) LIMITED

By: CANELLA SECRETARIES By: CANELLA SECRETARIES (CAYMAN) LTD, SECRETARY (CAYMAN) LTD, SECRETARY

By: /S/GILLIAN NELSON By: /S/ PATRICIA BRUZIO _____

Gillian Nelson Patricia Bruzio Authorized Person Authorized Person Date: May 17, 2016 Date: May 17, 2016

CUTWATER INVESTOR SERVICES CUTWATER ASSET MANAGEMENT CORPORATION CORPORATION

By: /S/ CLIFFORD CORSO By: /S/ CLIFFORD CORSO

Clifford Corso Clifford Corso Chief Executive Officer Chief Executive Officer
e: March 16. 2015 Date: March 16, 2015 Date: March 16, 2015

______ Parent Holding Companies/Control Persons ______

B.N.Y. HOLDINGS (DELAWARE) CORPORATION PERSHING GROUP LLC

Date: October 21, 2015

By: /S/ CLAIRE SANTANIELLO By: /S/ JAMES P. AMBAGIS James P. Ambagis Claire Santaniello

President Chief Administrative Officer and Chief Risk Officer

Date: May 11, 2016

BNY MELLON INVESTMENT MANAGEMENT BNY MELLON INVESTMENT MANAGEMENT (APAC) HOLDINGS LIMITED (APAC) HOLDINGS LIMITED

By: /S/ DONI SHAMSUDDIN By: /S/ EMILY CHAN _____ Emily Chan Doni Shamsuddin Director

Director Date: April 19, 2016 Date: April 19, 2016

BNY MELLON INTERNATIONAL ASSET NEWTON MANAGEMENT LIMITED

MANAGEMENT GROUP LIMITED

By: /S/ GREG BRISK

Greq Brisk Director

Date: October 21, 2015

BNY MELLON IHC, LLC

By: /S/ KURTIS R. KURIMSKY

-----Kurtis R. Kurimsky

Vice President and

Controller

Date: March 29, 2017

MELLON OVERSEAS INVESTMENT CORPORATION

By: /S/ KURTIS R. KURIMSKY

Kurtis R. Kurimsky Vice President and Controller e: October 7, 2015

Date: October 7, 2015

BNY INTERNATIONAL FINANCING

CORPORATION

By: /S/ KURTIS R. KURIMSKY

Kurtis R. Kurimsky President and Comptroller

Date: May 12, 2016

BNY MELLON INVESTMENT MANAGEMENT

EUROPE HOLDINGS LIMITED

By: /S/ GREG BRISK

_____ Greg Brisk

Director

Date: October 21, 2015

BNY MELLON INVESTMENT MANAGEMENT BNY CAPITAL MARKETS HOLDINGS, INC.

(JERSEY) LIMITED

By: /S/ GREG BRISK

Greg Brisk Director

Date: October 21, 2015

By: /S/ HELENA MORRISSEY

Helena Morrissey

Director

Date: July 17, 2015

MBC INVESTMENTS CORPORATION

By: /S/ PAUL A. GRIFFITHS

Paul A. Griffiths

Chairman, President and Chief Executive Officer

Date: April 29, 2016

INSIGHT INVESTMENT MANAGEMENT

LIMITED

By: /S/ CHARLES FARQUHARSON

Charles Farquharson Chief Risk Officer

Date: February 16, 2016

BNY INTERNATIONAL FINANCING

CORPORATION

By: /S/ JOHN M. ROY

John M. Roy Vice President

Date: August 15, 2016

BNY MELLON INVESTMENT MANAGEMENT

(EUROPE) LIMITED

By: /S/ GREG BRISK

Greg Brisk Director

Date: October 21, 2015

By: /S/ THOMAS P. GIBBONS

Thomas P. Gibbons

Vice Chairman and Chief

Financial Officer

Date: October 24, 2015

BNY MELLON INTERNATIONAL ASSET
MANAGEMENT (HOLDINGS) LIMITED

BNY MELLON INTERNATIONAL ASSET
MANAGEMENT (HOLDINGS) No. 1 LIMITED

By: /S/ GREG BRISK By: /S/ GREG BRISK _____ _____ Greg Brisk Greg Brisk Director Director Date: October 21, 2015 Date: October 21, 2015 MELLON CANADA HOLDING COMPANY CUTWATER HOLDINGS, LLC By: /S/ CLIFFORD CORSO By: /S/ KELLY SCHWARTZ _____ _____ Kelly Schwartz Clifford Corso Chief Executive Officer President and Director Date: May 3, 2016 Date: March 16, 2015 BNY MELLON PARTICIPACOES LTDA BNY MELLON PARTICIPACOES LTDA By: /S/ CARLOS ALBERTO SARAIVA By: /S/ MARCUS VINICIUS MATHIAS PEREIRA -----_____ Carlos Alberto Saraiva Marcus Vinicius Mathias Pereira Director Director Date: May 5, 2016 Date: May 5, 2016 BNY MELLON INVESTMENT MANAGEMENT By: BNY MELLON INVESTMENT MANAGEMENT HOLDINGS, LLC, GENERAL PARTNER By: /S/ PAUL A. GRIFFITHS Paul A. Griffiths President Date: April 29, 2016 ______ Fund Administrators BNY MELLON SERVICE KAPITALANLAGE- BNY MELLON SERVICE KAPITALANLAGE-

GESELLSCHAFT mbH

By: /S/ KATARINA MELVAN

Katarina Melvan Managing Director(Chairman)

Date: August 19, 2016

GESELLSCHAFT mbH

By: /S/ CAROLINE SPECHT _____

Caroline Specht Managing Director Date: August 19, 2016