### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Carsten JOST	11/24/2006
Michael HOLZAPFEL	12/13/2006
Petr NOVAK	11/30/2006
Anna PRODI-SCHWAB	12/05/2006
Volker HENNIGE	11/30/2006
Christian HYING	11/30/2006

#### **RECEIVING PARTY DATA**

Name:	Degussa AG
Street Address:	Bennigsenplatz 1
City:	Duesseldorf
State/Country:	GERMANY
Postal Code:	D-40474

#### PROPERTY NUMBERS Total: 1

	Property Type	Number
Applicatio	on Number:	11547829

### **CORRESPONDENCE DATA**

Fax Number: (703)413-2220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (703) 413-3000 Email: cxiong@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

297814US0PCT ATTORNEY DOCKET NUMBER: NAME OF SUBMITTER: Chai Xiong

> PATENT **REEL: 019003 FRAME: 0013**

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Total Attachments: 12 source=297814usAssignment#page1.tif source=297814usAssignment#page2.tif source=297814usAssignment#page3.tif source=297814usAssignment#page4.tif source=297814usAssignment#page5.tif source=297814usAssignment#page6.tif source=297814usAssignment#page7.tif source=297814usAssignment#page8.tif source=297814usAssignment#page8.tif source=297814usAssignment#page9.tif

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Page 1 of 2

WHEREAS, I (WE)	Carsten JOST, Glock	censtraße 35, D-404	76 Düsseldorf, GERMANY	
	Michael HOLZAPFI	3L, Turmweg 276, (	CH-3013 Bern, SWITZERLAND	)
	Petr NOVÁK, Somn	nerhaldenstraße 1 a,	CH-5200 Brugg, SWITZERLA	ND
	Anna PRODI-SCHW	VAB, Alfredstraße 3	379, D-45133 Essen, GERMANY	?
	Volker HENNIGE, (	Gerstenkamp 53, D-	48249 Dülmen, GERMANY	
	Christan HYING, Br	uktererstraße 3, 464	414 Rhede, GERMANY	
				, respectively,
have invented certain	new and useful improve	ments in: ELECTR	OLYTE COMPOSITION IN AL	DDITION TO THE
USE THEREOF AS SYSTEMS	AN ELECTROLYTE M	ATERIAL FOR EI	LECTROCHEMICAL ENERGY	STORAGE
***************************************	ion for Letters Patent was	s executed on		
(Application No.	10/547,829	, filed	October 19, 2006	), and
WHEREAS, _D	Degussa AG			
(hereinafter referred t	to as "ASSIGNEE") havi	ng a place of busine	ess at: Bennigsenplatz 1, D-404	74 Düsseldorf,
Germany				
is desirous of acquiring	ng the entire right, title a	nd interest in and to	said invention and in and to any	v Letters Patent that

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: _	24.M. 2006	(Signature of Inventor)	- J Carsten JOST	
Date:		(organitus or meromoty	Carsten 1051	
_		(Signature of Inventor)	Michael HOLZAPFEL	
Date:				
_		(Signature of Inventor)	Petr NOVÁK	
Date:				
****		(Signature of Inventor)	Anna PRODI-SCHWAB	***************************************
Date:				
		(Signature of Inventor)	Volker HENNIGE	***************************************
Date:				
		(Signature of Inventor)	Christian HYING	
Date:				
-	00-00-00-00-00-00-00-00-00-00-00-00-00-	(Signature of Inventor)		
Date:				
		(Signature of Inventor)		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

Page 1 of 2

	WHEREAS, I (WE)	Carsten JOST, Glocker	ıstraße 35, D-40	476 Düsseldorf.	, GERMANY	
NSERT NAMES		Michael HOLZAPFEL	, Turmweg 276,	, CH-3013 Bern	, SWITZERLAND	
DDRESS OF HE INVENTORS:		Petr NOVÁK, Sommer	rhaldenstraße 1	a, CH-5200 Bru	gg, SWITZERLAND	
		Anna PRODI-SCHWA	.B, Alfredstraße	379, D-45133 F	Essen, GERMANY	
		Volker HENNIGE, Ge	rstenkamp 53, [	)-48249 Dülmer	ı, GERMANY	
		Christan HYING, Bruk	tererstraße 3, 40	5414 Rhede, GE	RMANY	
						_, respectively,
NSERT TITLE OF INVENTION:		new and useful improvements  AN ELECTROLYTE MA				
NSERT DATE IN-	SYSTEMS					
VENTORS SIGNED DECLARATION:	for which an application	n for Letters Patent was e	xecuted on			
	(Application No.	10/547,829	, filed	October 1	9, 2006	), and
NSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE	WHEREAS, De	gussa AG				
	(hereinafter referred to	as "ASSIGNEE") having	a place of busin	ness at: Bennig	senplatz 1, D-40474 I	Düsseldorf,
	Germany					
		g the entire right, title and ore in the United States and				
	acknowledged, and for unto said ASSIGNEE	RE, in consideration of to other good and valuable, the full and exclusive foreign countries and the	consideration, right to the sa	I (WE), by these	e presents do sell, assi the United States an	ign and transfer and its territorial

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Date:		
	(Signature of Inventor)	Carsten JOST
Date: /3./2.06		Michael HOLZAPFEL
	(Signature of Inventor)	Michael HOLZAPFEL
Date:		
	(Signature of Inventor)	Petr NOVÁK
Date:		
	(Signature of Inventor)	Anna PRODI-SCHWAB
Date:		
	(Signature of Inventor)	Volker HENNIGE
Date:		
	(Signature of Inventor)	Christian HYING
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW

FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

10/01

Page 1 of 2

	WHEREAS, I (WE)	Carsten JOST, Glock	enstraße 35, D-4047	76 Düsseldorf, GERMANY	
ISERT NAMES ND RESIDENCE		Michael HOLZAPFE	L, Turmweg 276, C	EH-3013 Bern, SWITZERLAND	
NO MESSAGE DERESS OF HE INVENTORS:		Petr NOVÁK, Somm	erhaldenstraße 1 a,	CH-5200 Brugg, SWITZERLAN	D
		Anna PRODI-SCHW	AB, Alfredstraße 3	79, D-45133 Essen, GERMANY	
		Volker HENNIGE, G	erstenkamp 53, D-4	18249 Dülmen, GERMANY	
		Christan HYING, Bri	uktererstraße 3, 464	14 Rhede, GERMANY	
		<u> </u>			
					, respectively,
VISERT TITLE OF INVENTION	have invented certain r	new and useful improven	nents in: ELECTRO	DLYTE COMPOSITION IN ADI	DITION TO THE
				ECTROCHEMICAL ENERGY S	
NSERT DATE IN- ENTORS SIGNED ECLARATION:	for which an application	on for Letters Patent was	executed on		
NSERT NAME	(Application No.	10/547,829	, filed	October 19, 2006	), and
IND ADDRESS OF COMPANY OR OTHER ASSIGNED	WHEREAS, De	gussa AG			
	(hereinafter referred to	as "ASSIGNEE") havin	ıg a place of busines	ss at: Bennigsenplatz 1, D-4047	4 Düsseldorf,
	Germany				
	is desirous of acquiring	g the entire right, title an	d interest in and to	said invention and in and to any	Letters Patent that

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent tha may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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Date:			
	(Signature of Inventor)	Carsten JOST	***********
Date:			
	(Signature of Inventor)	Michael HOLZAPFEL	
Date: 30 Nov. 2006		Ohm	-
	(Signature of Inventor)	Petr NOVÁK	
Date:			
	(Signature of Inventor)	Anna PRODI-SCHWAB	
Date:			
	(Signature of Inventor)	Volker HENNIGE	
Date:			
	(Signature of Inventor)	Christian HYING	
Date:			
	(Signature of Inventor)		
Date:			
	(Signature of Inventor)		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
FOURTH FLOOR

FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

10/01

Page 1 of 2

	WHEREAS, I (WE)	Carsten JOST, Glockenstraße 35, D-40476 Düsseldorf, GERMANY	
INSERT NAMES AND RESIDENCE		Michael HOLZAPFEL, Turmweg 276, CH-3013 Bern, SWITZERLAND	
ADDRESS OF THE INVENTORS:		Petr NOVÁK, Sommerhaldenstraße 1 a, CH-5200 Brugg, SWITZERLAND	
		Anna PRODI-SCHWAB, Alfredstraße 379, D-45133 Essen, GERMANY	
		Volker HENNIGE, Gerstenkamp 53, D-48249 Dülmen, GERMANY	
	***************************************	Christan HYING, Bruktererstraße 3, 46414 Rhede, GERMANY	
NSERT TITLE		, resp	ectively,
OF INVENTION:	have invented certain n USE THEREOF AS A SYSTEMS	new and useful improvements in: <u>ELECTROLYTE COMPOSITION IN ADDITION</u> N. ELECTROLYTE MATERIAL FOR ELECTROCHEMICAL ENERGY STORAGE	TO THE E
NSERT DATE 3N- /ENTORS SIGNED DECLARATION:		n for Letters Patent was executed on	
	(Application No.	10/547,829 , filed October 19, 2006	), and
NSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE	WHEREAS, De	gussa AG	
	(hereinafter referred to	as "ASSIGNEE") having a place of business at: Bennigsenplatz 1, D-40474 Düsselo	dorf,
	Germany		
		g the entire right, title and interest in and to said invention and in and to any Letters P re in the United States and its territorial possessions and in any and all foreign countries.	
	acknowledged, and for unto said ASSIGNEE, possessions and in all which may be granted to	RE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof other good and valuable consideration, I (WE), by these presents do sell, assign and, the full and exclusive right to the said invention in the United States and its foreign countries and the entire right, title and interest in and to any and all Lette therefor in the United States and its territorial possessions and in any and all foreign II divisions, reissues, continuations, substitutions and renewals thereof.	d transfer territorial ers Patent

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Date:		
	(Signature of Inventor)	Carsten JOST
Date:		
	(Signature of Inventor)	Michael HOLZAPFEL
Date:		
Date: 5, 12, 66	(Signature of Inventor)	Petr NOVÁK Prodi-Schwab
Date: 9,12,06	(Signature of Inventor)	Anna PRODI-SCHWAB
Date:		Annu i Kobi-ocii wab
Date:	(Signature of Inventor)	Volker HENNIGE
Date:		
	(Signature of Inventor)	Christian HYING
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

Page 1 of 2

DEDT MALWED	WHEREAS, I (WE)	Carston 7001, Grook	onstrance 55, 15 40470 15 a	sseldorf, GERMANY	
ERT NAMES		Michael HOLZAPFE	L, Turmweg 276, CH-30	13 Bern, SWITZERLAND	
DRESS OF E INVENTORS:		Petr NOVÁK, Somm	erhaldenstraße 1 a, CH-5	200 Brugg, SWITZERLAN	ID
		Anna PRODI-SCHW	AB, Alfredstraße 379, D	-45133 Essen, GERMANY	
		Volker HENNIGE, G	erstenkamp 53, D-48249	Dülmen, GERMANY	
		Christan HYING, Bru	ıktererstraße 3, 46414 Rh	nede, GERMANY	
	***************************************				
SERT TITLE					, respectively,
INVENTION:				E COMPOSITION IN AD ROCHEMICAL ENERGY	
SERT DATE IN- INTORS SIGNED					
CLARATION:	for which an application	on for Letters Patent was	executed on		
CLARATION:				October 19, 2006	), and
SERT NAME		10/547,829		October 19, 2006	), and
SCLARATION: SERT NAME OD ADDRESS OF	(Application No	10/547,829 egussa AG	, filed	October 19, 2006  Bennigsenplatz 1, D-4047	
SERT NAME	(Application No	10/547,829 egussa AG	, filed		
SERT NAME	(Application No	10/547,829 egussa AG as "ASSIGNEE") havin	g a place of business at:		4 Düsseldorf,  Letters Patent that

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Date:		
	(Signature of Inventor)	Carsten JOST
Data		
Date:	(6:	
	(Signature of Inventor)	Michael HOLZAPFEL
Date:		
	(Signature of Inventor)	Petr NOVÁK
Date:		
	(Signature of Inventor)	Anna PRODI-SCHWAB
0000		
Date: 30, Nov. 2006		Volle High
	(Signature of Inventor)	Volker HENNIGE
Date:		
	(Signature of Inventor)	Christian HYING
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW

FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

10/01

Page 1 of 2

	WHEREAS, I (WE)	Carsten JOST, Glocken	straße 35, D-404	176 Düsseldorf, GERMANY	
ISERT NAMES IND RESIDENCE		Michael HOLZAPFEL,	Turmweg 276,	CH-3013 Bern, SWITZERLAND	
DDRESS OF HE INVENTORS:		Petr NOVÁK, Sommer	haldenstraße 1 a	, CH-5200 Brugg, SWITZERLAND	
		Anna PRODI-SCHWAI	B, Alfredstraße :	379, D-45133 Essen, GERMANY	
		Volker HENNIGE, Ger	stenkamp 53, D	-48249 Dülmen, GERMANY	
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	***************************************				
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VSERT TITLE F INVENTION:		-		COLYTE COMPOSITION IN ADDI LECTROCHEMICAL ENERGY ST	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
NSERT DATE IN- TENTORS SIGNED TECLARATION:	for which an application for Letters Patent was executed on				
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ND ADDRESS OF OMPANY OR THER ASSIGNEE	WHEREAS, De	gussa AG			
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Date:	
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Date:	
	(Signature of Inventor) Anna PRODI-SCHWAB
Date:	
	(Signature of Inventor) Volker HENNIGE
Date: 30. Nov. 2006	and in They
	(Signature of Inventor) Christian HYING
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW

FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

10/01

RECORDED: 03/13/2007