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SUBMISSION TYPE:			NEW ASSIGNMENT			
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CONVEYING PARTY	ΔΑΤΑ					
		Nan	me	Execution Date		
Martin Gimmestad				01/13/2006		
Havard Sletta				01/12/2006		
Ponniah Karuna Karur	nakaran			01/18/2006		
Karianne Bakkevig				01/17/2006		
Helga Ertesvag				12/20/2005		
Trond Ellingsen				01/12/2006		
Gudmund Skjak-Braek	<			12/20/2005		
Svein Valla				12/20/2005		
[NG PARTY DATA FMC Biopolymer AS					
		er AS				
	Tomtegt. 36					
	P.O. Box 494,	Brakero	руа		400	
	Drammen				10509540	
	NORWAY 3013					
Fosial Code.	3013					
PROPERTY NUMBER	S Total: 1					
Property Ty	ре		Number			
Application Number:	Application Number: 10522510					
CORRESPONDENCE	DATA					
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PATENT					I	

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ATTORNEY DOCKET NUMBER:	BAFM0001-100					
NAME OF SUBMITTER:	Lisa Machado					
Total Attachments: 10 source=bafm0001-100 assignment#page1.tif source=bafm0001-100 assignment#page2.tif source=bafm0001-100 assignment#page3.tif source=bafm0001-100 assignment#page4.tif						
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ASSIGNMENT

WHEREAS, We, Martin Gimmestad of Trondheim, Norway, Havard Sletta of Trondheim, Norway, Ponniah Karuna Karunakaran of Vancouver, British Columbia, Canada, Karianne Bakkevig of Trondheim, Norway, Helga Ertesvag of Trondheim, Norway, Trond Ellingsen of Ranheim, Norway, Gudmund Skjak-Braek of Trondheim, Norway, and Svein Valla of Vikhammer, Norway have invented a certain invention entitled "NEW MUTANT STRAINS OF *PSEUDOMONAS FLUORESCENS* AND VARIANTS THEREOF, METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION," for which we have made an application for Letters Patent of the United States, said application having been assigned Application No. 10/522,510; and

WHEREAS, FMC Biopolymer AS, hereinafter referred to as the assignee, of Tomtegt. **36, P.O. Box 494 Brakeroya, 3013 Drammen, Norway**, a corporation of Norway, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

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AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

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PATENT

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: 13. January, 2006

STATEMENT OF WITNESS

Master hrunostal

Martin Gimmes

OTATEN		I OF WITH	200				
SIGNED	at	TRONDHI	EIM			NORWAY	
		(City))			(Country)	_
			JANUA	,	6.		
I,		Frode	Krogsta	rd		, whose full	residence
address	is	Fonsvar	nsveren	452	7057	, whose full <u>Trondhei</u> ~]

was personally present and did see Martin Gimmestad execute the above assignment on the _______ day of _______, 2005, and such assignor is personally known to me to be the person described in such document.

Frode Kroyslad

ASSIGNMENT - Page 3 of 10

PATENT

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: 12. January, 2006	Havard Sletta
STATEMENT OF WITNESS	
SIGNED at TRONOHEIM	Noeway
(City)	(Country)
This 12 day of January	_, 2005.
I, <u>Kristin F. Degnes</u> address is <u>Søndre Berg IZA</u> ,	, whose full residence 7051 Trandheim,
Norway	Sletta execute the above assignment on the
	05, and such assignor is personally known to me

Knotin	F.	Degnes	
Signature of Wit	ness	0	

ASSIGNMENT - Page 4 of 10

PATENT

IN WITNESS WHEREOF, we have hereunto set our hands and scals.

Dated: 1	anuary 18, 2005	Ponniah Karangakarunakaran	
STATEMEN	it of witness Vancouver	Canada	
	(City)	(Country)	
This	18 day of January	_, 2005.	
	Brank Gaba	L, whose full residence Ave., Vancouver B.C. V52 IMT	2

was personally present and did see Ponniah Karuna Karunakaran execute the above assignment on the ______ day of ______, 2005, and such assignor is personally known to me to be the person described in such document.

Yala

Signature of Witness

ASSIGNMENT - Page 5 of 10

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** TOTAL PAGE.02 ** PATENT REEL: 018162 FRAME: 0294

ANTN THATANATATA

PATENT

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: 17.01	, 200 6	Karianne Bakker	Bahhai'g	
STATEMENT OF V SIGNED atHA	WITNESS UCLESUND (City)	λ	IORWA-/	
This <u>17</u> dz I, <u>Elik</u> address is <u>KLO</u> was personally prese <u>17</u> day of	NY OF january MAGNUS HA ISTERGATA 3 INT and did see Karia		, whose full residence <u>M</u> , <u>MORWAY</u> the above assignment on the pr is personally known to me	
•		GAC M. f Signature of Witness	h	
		· .		
		. AS	SIGNMENT - Page 6 of 10	
ዕ û [ጀት	NIXU 52703229	1901018 Subjections	C8716964 XV3 86131 9007 10/4 1 130 REEL: 018162 FRAME	.∠0295

PATENT

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: <u>Dec. 20.</u>	, 2005	<u> </u>		-
STATEMENT OF WIT	NESS			
SIGNED at(Ci	ndheim,	Norway	(Country)	_
This <u>20+</u> day of	December	, 2005.		
I, <u>TONJE</u> address is <u>KIRKE</u>	MARITA BJE EGATA 9C , I	REAN N-7014 TRONDHEIM	, whose full , <i>NoRWA</i> Y	residence
was personally present day of	and did see Helga ecember ,	Ertesvag execute the 2005, and such assignor	above assignme is personally know	nt on the

to be the person described in such document.

Tay'e M. Bjerkan Signature of Witness

ASSIGNMENT - Page 7 of 10

PATENT

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: 12. Jan VARY, 2006 Trond Ellingten STATEMENT OF WITNESS SIGNED at <u>Trondheim</u> <u>Norway</u> (City) (Country) This <u>12</u> day of <u>January</u>, 2006. I, <u>Oyvind Mejdell Jakobsen</u>, whose full residence address is <u>Karolinerveien 9A</u>, <u>Fo21 Trondheim</u>, <u>Norway</u> was personally present and did see Trond Ellingsen execute the above assignment on the

<u>12</u> day of <u>January</u>, 200**5**, and such assignor is personally known to me to be the person described in such document.

Jun My Jul Jakka_____

ASSIGNMENT - Page 8 of 10

PATENT

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: DU . DELEMINER, 2005

Clear March Seig Morale

Gudmund Skjak-Braek

STATEMENT OF WITNESS	
SIGNED at IPOND HET M	NORWAY
(City)	(Country)
This 20 th day of Neten Nete,	2005.
I, <u>Bjærg Ulsaker</u> address is <u>Bergshien 126, 7043 Tr</u>	, whose full residence ondheine, NORWAY
was personally present and did see Gudmund SI	xjak-Braek execute the above assignment on

the <u>20</u> day of <u>decembed</u>, 2005, and such assignor is personally known to me to be the person described in such document.

Signature of Witness

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PATENT

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: <u>Dec. 20</u> , 2005	Svein Valla
	Svein Valla
STATEMENT OF WITNESS	
SIGNED at Troncheim	Norway
(City)	(Country)
This 20th day of December	, 2005.
I, TONJE MARITA BJERKAN	
address is <u>KIRKEGATA 9C N-7c</u>	TRONDHEIM, NORWAY

was personally present and did see Svein Valla execute the above assignment on the 20 th day of $\underline{December}$, 2005, and such assignor is personally known to me to be the person described in such document.

Ton	ie	Μ		\mathcal{B}_{l}	iertean		
Signature	of	Wi	tne	esś			

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PATENT REEL: 018162 FRAME: 0299

RECORDED: 08/23/2006