

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DSM FOOD SPECIALTIES B.V.	03/23/2012
RECEIVING PARTY DATA	
Name:	DSM IP ASSETS B.V.
Street Address:	HET OVERLOON 1
City:	HEERLEN
State/Country:	NETHERLANDS
Postal Code:	6411 TE
PROPERTY NUMBERS Total: 16	
Property Type	Number
Application Number:	10547956
Patent Number:	8298799
Application Number:	10592450
Patent Number:	7977080
Application Number:	10796907
Patent Number:	7226771
Application Number:	11575066
Application Number:	11625765
Patent Number:	7943360
Application Number:	11817865
Application Number:	12202119
Patent Number:	8198062
Application Number:	13090682
Application Number:	13103276
Application Number:	13058584

CH \$640.00 10547956

Application Number: 12442255

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	David C. Holly
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Total Attachments: 9

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Delft, 29 March 2012

Reference is made to the Intellectual Property Deed of Assignment dated 23 March 2012 between DSM FOOD SPECIALTIES B.V. and Verenium Corporation in which reference is made to the Asset Purchase Agreement dated 23 March 2012.

With this Agreement patents, patent applications and trademarks have been assigned to DSM FOOD SPECIALTIES B.V. (schedule 1.36).

Under the DSM Corporate Requirements under Intellectual Property, IP Requirements, 1.3 it is stipulated that:

'Management ensures the registration in the name of DSM IP Assets B.V. of:

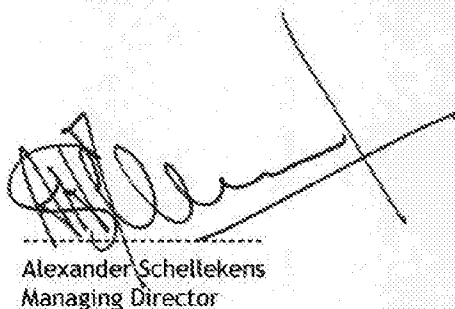
- all new Patents, Trademarks and Domain Names of DSM Units
- all Patents, Trademarks and Domain names newly assigned to DSM from contracted third parties.'

Therefore we herewith confirm that we have assigned all patents, patent applications and trademarks as indicated in the schedule 1.36 attached hereto in the name of DSM IP Assets B.V.

DSM FOOD SPECIALTIES B.V.



Hans Christian Ambjerg
Managing Director



Alexander Schellekens
Managing Director

SCHEDULE L36

Patent Rights Included in Purchased IP

SCHEDULE 1.36

Patent Rights Included in Purchased IP

SVT	Family Name	Type	Owner	Case Number	Country	Application Status	Application Number	Filing Date	Publication Number	Publication Date	Patent Number	Issue Date
Y	Esterase	Patent	Verenium	D1180-2US	US	Granted	09/903,410	10-Jul-2001			7,268,400	30-Oct-2007
Y	Esterase	Patent	Verenium	D1180-8EP01	EP	Published	10601560.1	16-Feb-2010				
Y	Phosphodiesterase C	Patent	Verenium	D1250-1AM	AM	Granted		21-Apr-2003			010903	29-Aug-2008
Y	Phosphodiesterase C	Patent	Verenium	D1250-1AU	AU	Granted	2003243157	13-Oct-2004	2003243157	20-Mar-2008	2003243157	03-Jul-2008
Y	Phosphodiesterase C	Patent	Verenium	D1250-1AU03	AU	Pending	2008201657	21-Apr-2003				
Y	Phosphodiesterase C	Patent	Verenium	D1250-1AZ	AZ	Granted		21-Apr-2003			010903	29-Aug-2008
Y	Phosphodiesterase C	Patent	Verenium	D1250-1BR	BR	Published	P03039394.3	21-Apr-2003		25-Oct-2005		
Y	Phosphodiesterase C	Patent	Verenium	D1250-1BY	BY	Granted		21-Apr-2003			010903	29-Aug-2008
Y	Phosphodiesterase C	Patent	Verenium	D1250-1CA	CA	Published	2,481,411	21-Apr-2003	2481411	30-Oct-2003		
Y	Phosphodiesterase C	Patent	Verenium	D1250-1CN	CN	Published	03813594.9	21-Apr-2003	CN1659276 A	24-Aug-2005		
Y	Phosphodiesterase C	Patent	Verenium	D1250-1CND1	CN	Published	20111005497 2.5	07-Mar-2011	CN 102174546 A	07-Sep-2011		
Y	Phosphodiesterase C	Patent	Verenium	D1250-1EA	EA	Granted	2004 01407	21-Apr-2003	2004 01407	24-Feb-2006	010903	29-Aug-2008
Y	Phosphodiesterase C	Patent	Verenium	D1250-1EP	EP	Published	03747055.5	21-Apr-2003	EP1497416	19-Jan-2005		
Y	Phosphodiesterase C	Patent	Verenium	D1250-1EP03	EP	Published	10160847.5	21-Apr-2003	27568971	23-Mar-2011		
Y	Phosphodiesterase C	Patent	Verenium	D1250-	IN	Pending	5094/KOLNP/	23-Oct-				

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SYT	Family Name	Type	Owner	Case Number	Country	Application Status	Application Number	Filing Date	Publication Number	Publication Date	Patent Number	Issue Date
	C			1ND1			2007	2007				
Y	Phospholipase C	Patent	Verenium	D1250-1KG	KG	Granted		21-Apr-2003			010903	29-Aug-2008
Y	Phospholipase C	Patent	Verenium	D1250-1KZ	KZ	Granted		21-Apr-2003			010903	29-Aug-2008
Y	Phospholipase C	Patent	Verenium	D1250-1MD	MD	Granted		21-Apr-2003			010903	29-Aug-2008
Y	Phospholipase C	Patent	Verenium	D1250-1RU	RU	Granted		21-Apr-2003			010903	29-Aug-2008
Y	Phospholipase C	Patent	Verenium	D1250-1TI	TI	Granted		21-Apr-2003			010903	29-Aug-2008
Y	Phospholipase C	Patent	Verenium	D1250-1TM	TM	Granted		21-Apr-2003			010903	29-Aug-2008
Y	Phospholipase C	Patent	Verenium	D1250-2AU	AU	Granted	2005221136	18-Sep-2006			2005221136	27-May-2011
Y	Phospholipase C	Patent	Verenium	D1250-2AUD1	AU	Pending	2011218862	08-Mar-2005				
Y	Phospholipase C	Patent	Verenium	D1250-2BR	BR	Published	PI0508559-4	08-Mar-2005		14-Aug-2007		
Y	Phospholipase C	Patent	Verenium	D1250-2CA	CA	Published	2,559,060	08-Sep-2006	2,559,060			
Y	Phospholipase C	Patent	Verenium	D1250-2CN	CN	Published	2005800466	07-Nov-2006	101426918	06-May-2009		
Y	Phospholipase C	Patent	Verenium	D1250-2D1	US	Granted	11/625,765	22-Jan-2007	09-0053191	26-Feb-2009	7943360	17-May-2011
Y	Phospholipase C	Patent	Verenium	D1250-2D2	US	Pending	13/090,682	20-Apr-2011				
Y	Phospholipase C	Patent	Verenium	D1250-2EP	EP	Published	85727242.9	08-Mar-2005	1748954	07-Feb-2007		
Y	Phospholipase C	Patent	Verenium	D1250-2IN	IN	Pending	2893/KOLNP/2006	06-Oct-2006				
Y	Phospholipase C	Patent	Verenium	D1250-2IND1	IN	Pending	612/KOL/2011	02-May-2011				
Y	Phospholipase C	Patent	Verenium	D1250-2JP	JP	Published	2007-502990	08-Mar-2007	200753151	08-Nov-		

TABLE 1 (cont.)

SYT	Family Name	Type	Owner	Case Number	Country	Application Status	Application Number	Filing Date	Publication Number	Publication Date	Patent Number	Issue Date
	C			ZIP				2006	6	2007		
Y	Phospholipase C	Patent	Verenium	01250-28P-D1	JP	Published	2007-0879517	08-Mar-2005	2011-172563	08-Sep-2011		
Y	Phospholipase C	Patent	Verenium	01250-2N	US	Granted	10/592,459	23-Jul-2008	0317731	25-Dec-2008	7,577,080	12-Jul-2012
Y	Phospholipase C	Patent	Verenium	01250-1US	US	Granted	10/796,907	08-Mar-2004	050106769	18-May-2005	7,226,771	05-Jun-2007
Y	Phospholipase C	Patent	Verenium	01250-3AU	AU	Allowed	20065264938	20-Dec-2006				
Y	Phospholipase C	Patent	Verenium	01250-3AUS-1	AU	Pending		18-Feb-2012				
Y	Phospholipase C	Patent	Verenium	01250-3BR	BR	Published	00510937-6	18-Dec-2009		17-Jul-2012		
Y	Phospholipase C	Patent	Verenium	01250-3CA	CA	Published	2,570,872	15-Dec-2006	7570872			
Y	Phospholipase C	Patent	Verenium	01250-3CN	CN	Published	200780027938.1	15-Feb-2007	101832223x	13-May-2008		
Y	Phospholipase C	Patent	Verenium	01250-3EA	EA	Granted	2007 01012	15-Jan-2007			013893	30-Aug-2010
Y	Phospholipase C	Patent	Verenium	01250-3EP	EP	Published	05782779-6	14-Jun-2006	17991853	06-Jun-2007		
Y	Phospholipase C	Patent	Verenium	01250-3EP-01	EP	Pending	12150809.5	14-Jun-2006				
Y	Phospholipase C	Patent	Verenium	01250-3IN	IN	Pending	146702347/2007	11-Jan-2007				
Y	Phospholipase C	Patent	Verenium	01250-3JP	JP	Published	2007-536623	18-Dec-2006	05-505819	28-Feb-2008		
Y	Phospholipase C	Patent	Verenium	01250-3NO1	US	Published	13/103,176	09-May-2011	053011430511741	15-Dec-2011		
Y	Phospholipase C	Patent	Verenium	01250-5AR	AR	Pending	07 01 04394	21-Sep-2007				
Y	Phospholipase C	Patent	Verenium	01250-5BR	BR	Pending	010716872-4	19-Mar-2009				

SYT	Family Name	Type	Owner	Case Number	Country	Application Status	Application Number	Filing Date	Publication Number	Publication Date	Patent Number	Issue Date
Y	Phospholipase C	Patent	Venerium	01250-5CA	CA	Pending	2,663,001	19-Mar-2009				
Y	Phospholipase C	Patent	Venerium	01250-5CN	CN	Published	26078004238.3.3	20-May-2008	101556154			
Y	Phospholipase C	Patent	Venerium	01250-5EA	EA	Granted	200970108	20-Apr-2009			015591	31-Oct-2011
Y	Phospholipase C	Patent	Venerium	01250-5EP	EP	Published	07803585.3	05-Mar-2008	2057274	13-May-2008		
Y	Phospholipase C	Patent	Venerium	01250-5BR	BR	Pending	9717603NP/2009	18-Mar-2009				
Y	Phospholipase C	Patent	Venerium	01250-5KR	KR	Pending	10-2009-7005152	21-Apr-2009				
Y	Phospholipase C	Patent	Venerium	01250-5MX	MX	Pending	9986/2008/03038	20-Mar-2008				
Y	Phospholipase C	Patent	Venerium	01250-5N	US	Published	12/442,255	13-Jan-2010	20110093565	21-Apr-2011		
Y	Phospholipase C	Patent	Venerium	01250-5TH	TH	Pending	0701064778	21-Sep-2007				
Y	Phospholipase C	Patent	Venerium	01250-5BR	BR	Pending	2930-01-03636	08-Oct-2010				
Y	Phospholipase C	Patent	Venerium	01250-5WO	WO	Published	PCT/US2010/51908	08-Oct-2010	201104681.2	21-Apr-2011		
Y	LIPIASE	Patent	Venerium	01430-2AU	AU	Granted	2804277368	08-Mar-2004			2004277369	05-May-2011
Y	LIPIASE	Patent	Venerium	01430-2AU512	AU	Pending	2011201719	08-Mar-2011				
Y	LIPIASE	Patent	Venerium	01430-2BR	BR	Published	98408157.9	05-Sep-2005		07-Mar-2006		
Y	LIPIASE	Patent	Venerium	01430-2CA	CA	Published	2,515,383	07-Sep-2005	2510583			
Y	LIPIASE	Patent	Venerium	01430-2CL	CL	Pending	2307-2005	07-Sep-2005				
Y	LIPIASE	Patent	Venerium	01430-2CO	CO	Granted	01031235	09-Oct-2005			12802	08-Mar-2009

SYT	Family Name	Type	Owner	Case Number	Country	Application Status	Application Number	Filing Date	Publication Number	Publication Date	Patent Number	Issue Date
Y	UPASE	Patent	Verenium	D1430-2CGJ1	CO	Granted	05309225A	02-Jun-2015			12863	08-Mar-2014
V	UPASE	Patent	Verenium	D1430-2EP	JP	Published	04809311.6	23-Sep-2015	EP1601939	07-Dec-2015		
Y	UPASE	Patent	Verenium	D1430-2H	JP	Granted	2005-509241	08-Mar-2004			4825105	23-Sep-2011
Y	UPASE	Patent	Verenium	D1430-2IPD1	JP	Published	2010-171845	00-Jul-2010	2010-284168	24-Dec-2010		
V	UPASE	Patent	Verenium	D1430-2KX	MX	Pending	PA/a/2005/009558	08-Mar-2004	2005009558	23-Feb-2006		
Y	UPASE	Patent	Verenium	D1430-2N	US	Published	10/547,566	06-Sep-2005	07-0202566	10-Aug-2007		
V	UPASE	Patent	Verenium	D1430-3N	US	Published	11/075,075	09-Nov-2007	08-0303531	11-Dec-2008		
Y	UPASE	Patent	Verenium	D1430-3CA	CA	Published	2,601,472	07-Aug-2007	2601472			
Y	UPASE	Patent	Verenium	D1430-4EP	EP	Published	06748332.1	08-Mar-2006	1889173	26-Dec-2007		
V	UPASE	Patent	Verenium	D1430-4N	US	Published	11/017,805	00-Sep-2007	090297489	01-Dec-2009		
N	Saturase	Patent	Verenium	D2280-2AR	AR	Pending	98.01.05372	28-Aug-2009				
N	Saturase	Patent	Verenium	D2280-2BR	BR	Pending		28-Feb-2011				
N	Saturase	Patent	Verenium	D2280-2CA	CA	Pending	2295230	28-Aug-2009				
N	Saturase	Patent	Verenium	D2280-2CN	CN	Published	2008014207.7	28-Aug-2009	CN102137043A	21-Sep-2011		
N	Saturase	Patent	Verenium	D2280-2EA	EA	Pending	201170386	28-Aug-2009				
N	Saturase	Patent	Verenium	D2280-2EP	EP	Published	08810075.8	28-Aug-2009	2328907	08-Jun-2011		
N	Saturase	Patent	Verenium	D2280-2IN	IN	Published	77A/DEL/2011/011	21-Feb-2011	774/KOL/2011	13-May-2011		

SYT	Family Name	Type	Owner	Case Number	Country	Application Status	Application Number	Filing Date	Publication Number	Publication Date	Patent Number	Issue Date
N	Satorase	Patent	Verenium	D2280-2KH	KR	Pending	10-2011-7507810	29-Mar-2011				
N	Satorase	Patent	Verenium	D2280-2KX	MX	Pending	MX/a/2011/003297	28-Aug-2009				
N	Satorase	Patent	Verenium	D2280-2N	US	Published	13/958,564	11-Sep-2011	US-2011-0277046-A1	16-Nov-2011		
N	Satorase	Patent	Verenium	D2280-2US	US	Allowed	12/202,119	26-Aug-2008	2010-0255985	04-Oct-2010		
N/A	PURIFINE	Trademark	Verenium	T8160-AR01	AR	TM Reg'd	2971646	13-Jan-2010	2971646	31-Mar-2010	2404628	29-Oct-2010
N/A	PURIFINE	Trademark	Verenium	T8160-8001	BG	Pending	SM-4545-2011	25-Aug-2011				
N/A	PURIFINE	Trademark	Verenium	T8160-8801	BR	Pending	839520819	11-Jan-2010				
N/A	PURIFINE	Trademark	Verenium	T8160-CA01	CA	Pending	1,405,141	08-Jan-2010				
N/A	PURIFINE	Trademark	Verenium	T8160-CH01	CN	Pending	2992784	15-Jan-2010				
N/A	PURIFINE	Trademark	Verenium	T8160-CY001	CY	TM-Regist'd	8799744	08-Jan-2010	8799744	10-Mar-2010	8799744	28-Jun-2010
N/A	PURIFINE	Trademark	Verenium	T8160-EN01	IN	TMA Pending	2163812	23-Aug-2011				
N/A	PURIFINE	Trademark	Verenium	T8160-ER01	KR	TMA Pending	40-2011-0501	22-Aug-2011				
N/A	PURIFINE	Trademark	Verenium	T8160-MX01	MX	TMA Pending	1265826	23-Aug-2011				
N/A	PURIFINE	Trademark	Verenium	T8160-PY01	PY	TMA Pending	05128	23-Aug-2011				
N/A	PURIFINE	Trademark	Verenium	T8160-TN01	TN	TMA Pending	817626	24-Aug-2011				
N/A	PURIFINE	Trademark	Verenium	T8160-US01	US	TMA-Regist'd	76/564,195	09-Feb-2007			2368360	09-Oct-2007
N/A	PURIFINE	Trademark	Verenium	T8160-UY01	UY	TMA Pending	427877	21-Sep-2011				

SYT	Family Name	Type	Owner	Case Number	Country	Application Status	Application Number	Filing Date	Publication Number	Publication Date	Patent Number	Issue Date
M/ A	purifine.com	Domain	Verenium									
M/ A	purifine.us	Domain	Verenium									

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