# 507340103 06/16/2022

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7387025

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name	Execution Date		
MICHAEL J. DEY			07/30/2009		
NATHALIE MONDOL	Y		07/17/2009		
BENEDICTE RIGAUE	)		08/18/2009		
RECEIVING PARTY	DATA				
Name:	IPSEN	PHARMA S.A.S.			
Street Address:	65 QUA	AI GEORGES GORSE			
City:	BOULC	OGNE-BILLANCOURT			
State/Country:	FRANC	E			
Postal Code:	92100				
<b>Application Number</b>	:	17133968			
	l be sent to if provideo	(857)302-6843 <b>the e-mail address first; if that is uns</b> <b>i; if that is unsuccessful, it will be sen</b> 857 287-3100			
Email:		Maureen.Tierney@wbd-us.com			
Correspondent Nam		WOMBLE BOND DICKINSON (US) LLP			
Address Line 1:					
Address Line 2: Address Line 4:		470 ATLANTIC AVENUE			
		BOSTON, MASSACHUSETTS 02210			
ATTORNEY DOCKET NUMBER:		R105231 1060 US.REI			
ATTORNEY DOCKET					
	R:	MAUREEN TIERNEY			
NAME OF SUBMITTE	R:	MAUREEN TIERNEY /Maureen Tierney/			
ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE: DATE SIGNED:	R:				
NAME OF SUBMITTE SIGNATURE:	R:	/Maureen Tierney/			
NAME OF SUBMITTE SIGNATURE: DATE SIGNED: Total Attachments: 6 source=assignment-De	ey, Rigaud, I	/Maureen Tierney/ 06/16/2022 Mondoly to Ipsen#page3.tif			
NAME OF SUBMITTE SIGNATURE: DATE SIGNED: Fotal Attachments: 6 source=assignment-De source=assignment-De	ey, Rigaud, I ey, Rigaud, I	/Maureen Tierney/ 06/16/2022			

source=assignment-Dey, Rigaud, Mondoly to Ipsen#page6.tif source=assignment-Dey, Rigaud, Mondoly to Ipsen#page7.tif source=assignment-Dey, Rigaud, Mondoly to Ipsen#page8.tif

#### Multi-Joint

#### ASSIGNMENT

WHEREAS, we, Michael J. Dey, Nathalie Mondoly and Benedicte Rigaud, together with co-inventors Bart Henderson and C. Richard Lyttle, have invented a certain improvement in Method of Drug Delivery for Bone Anabolic Protein described in an application for Patent,

	the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);
	is about to be filed in the United States Patent Office as a Provisional Application;
$\boxtimes$	the specification of which is United States Application No. 12/151,975, filed May 9, 2008;
	the specification of which is a Patent Cooperation Treaty Application, International Application No. [ ], filed [ ], which designates the United States of America[ and assigned United States Application No. [ ]];
	which was patented under United States Patent No. [ ].

WHEREAS, Ipsen Pharma S.A.S. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of France, and having a usual place of business at 65 Quai Georges Gorse, Boulogne-Billancourt, 92100, France, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

903332\_1

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any further applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor	Date
	Michael J. Dey
Address	40 Park Lane
	Sandbach, Cheshire_CW11 1EW, United Kingdom
Witness Signature_	
	e
Witness Signature_	
Print Witness Nam	le

Docket No. 3803.1004-003

Inventor Date Date
Nathalie Mondoly
Address Résidence Ranelagh 5
Square Raphaël, Le Chesnay 78150, France
Witness Signature
Print Witness Name Béatrice HACHER Date A/07/09
Address <u>2 rue des Bouvreuils</u>
27930 ANGERVILLE LA CAMPAGNE
Witness Signature 17/07/09
Print Witness Name Ange BROCHARP
Address <u>Sme Jean Mermoz 2860 DREUX</u>
InventorDate
Benedicte Rigaud
Address 2, Chemin de Rouvres
Oulins 28260, France
Witness Signature
Print Witness Name
Address
Witness Signature
Print Witness Name
Address

#### Multi-Joint

### ASSIGNMENT

WHEREAS, we, Michael J. Dey, Nathalie Mondoly and Benedicte Rigaud, together with co-inventors Bart Henderson and C. Richard Lyttle, have invented a certain improvement in Method of Drug Delivery for Bone Anabolic Protein described in an application for Patent,

	the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);
	is about to be filed in the United States Patent Office as a Provisional Application;
$\boxtimes$	the specification of which is United States Application No. 12/151,975, filed May 9, 2008;
	the specification of which is a Patent Cooperation Treaty Application, International Application No. [ ], filed [ ], which designates the United States of America[ and assigned United States Application No. [ ]];
	which was patented under United States Patent No. [ ].

WHEREAS, Ipsen Pharma S.A.S. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of France, and having a usual place of business at 65 Quai Georges Gorse, Boulogne-Billancourt, 92100, France, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

903332\_1

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any further applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

InventorMichael J. DeyDate30h July 2000
Address 40 Park Lane
Sandbach, Cheshire CW11 1EW, United Kingdom
Witness Signature
Print Witness Name DELA COUR Cecile
Address 13 Rue des Angteuses 28100 Dreux
France
Witness Signature
Print Witness Name BISMUTH Frederic
Address 25 Bol Jean Jaures
28100 DREUX, FRANCE

Docket No. 3803.1004-003

InventorDate	
Nathalie Mondoly	
Address Résidence Ranelagh 5	
Square Raphaël, Le Chesnay 78150, France	
Witness Signature	
Print Witness Name	
Address	
Witness Signature	
Print Witness Name	
Address	
Inventor	
Benedicte Rigaud	Ł
Address 2, Chemin de Rouvres	
Oulins 28260, France	
Witness Signature	
Print Witness Name DELACOUR Cocile	
Address 13 rue des Anglaises 28100 Deeux	
FOROCO	
Witness Signature RUE	
Print Witness Name RASOANANDRASANA Marie	
Address 30 Ter Rue Alfred Manual - 28230 EPERNON FRANCE	

RECORDED: 06/16/2022