PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
		Name	Execution Date		
DR. KLAUS WENING	;		05/07/2013		
DR. LUTZ BARNSCH	IEID		05/28/2013		
DR. SEBASTIAN SC	HWIER		05/07/2013		
RECEIVING PARTY DATA					
Name:	GRUENENT	GRUENENTHAL GMBH			
Street Address:	Zieglerstrasse 6				
City:	Aachen				
State/Country:	GERMANY				
Postal Code:	52078				
PROPERTY NUMBER	RS Total: 1				
[150	
Property T	уре	Numb	er	64450	
Property T Application Number:	уре	Numb 13864450	er	13864450	
Application Number:	DATA	13864450	er		
Application Number: CORRESPONDENCE Fax Number:	DATA 2128080	13864450		\$40.00	
Application Number: CORRESPONDENCE Fax Number:	DATA 2128080 <i>be sent via US</i> 212-808	13864450 1844 <i>Mail when the fax attempt is unsuccessi</i> -0700			
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email:	DATA 2128080 be sent via US 212-808 jarcher@	13864450 1844 <i>Mail when the fax attempt is unsuccessi</i> -0700 2)nmmlaw.com		\$40.00	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name	DATA 2128080 be sent via US 212-808 jarcher@ : Kurt G.	13864450 1844 <i>Mail when the fax attempt is unsuccessi</i> -0700 2nmmlaw.com Briscoe		\$40.00	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email:	DATA 2128080 be sent via US 212-808 jarcher@ : Kurt G. I Norris M	13864450 1844 <i>Mail when the fax attempt is unsuccessi</i> -0700 20nmmlaw.com Briscoe cLaughlin & Marcus, P.A.		\$40.00	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email: Correspondent Name Address Line 1:	DATA 2128080 be sent via US 212-808 jarcher@ : Kurt G. I Norris M 875 Thir	13864450 1844 <i>Mail when the fax attempt is unsuccessi</i> -0700 2nmmlaw.com Briscoe		\$40.00	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2:	DATA 2128080 be sent via US 212-808 jarcher@ : Kurt G. I Norris M 875 Thir New Yor	13864450 1844 <i>Mail when the fax attempt is unsuccessi</i> -0700 2nmmlaw.com Briscoe cLaughlin & Marcus, P.A. d Avenue, 8th Floor		\$40.00	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	E DATA 2128080 be sent via US 212-808 jarcher@ : Kurt G. I Norris M 875 Thir New You	13864450 1844 <i>Mail when the fax attempt is unsuccessi</i> -0700 2nmmlaw.com Briscoe cLaughlin & Marcus, P.A. d Avenue, 8th Floor k, NEW YORK 10022		\$40.00	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET	E DATA 2128080 be sent via US 212-808 jarcher@ : Kurt G. I Norris M 875 Thir New You	13864450 1844 <i>Mail when the fax attempt is unsuccessi</i> -0700 20mmlaw.com Briscoe cLaughlin & Marcus, P.A. d Avenue, 8th Floor k, NEW YORK 10022 107101-135 KGB		\$40.00	

REEL: 030531 FRAME: 0737

Date:	06/03/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=ExecutedDeclarationAssignment#page1.tif source=ExecutedDeclarationAssignment#page2.tif source=ExecutedDeclarationAssignment#page3.tif	

COMBINATION DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT TAMPER RESISTANT AND DOSE-DUMPING RESISTANT PHARMACEUTICAL DOSAGE Title of Invention FORM As the below named inventor, I hereby declare that: This declaration is directed to: IXI The above-identified application, or WUnited States application 13/864,450, filed on April 17, 2013. The above-identified application was made or authorized to be made by ma. I believe that I am the original Inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above, Lacknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including further continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto: GRUNENTHAL GMBH, whose address is ZIEGLERSTRABE 6, D-52078 AACHEN, GERMANY, a corporation (hereinafter named "Assignee"), its successors, legal representatives and assigns, the entire right, little and interest in and to said invention for Letters Patent of the United States, filed as said application and to the entire right, title and interest in any and all inventions, whether joint or sole, disclosed in said application for Letters Patent, and in any and all divisional or continuation or renewal applications that may be filed for United States Letters Patent for any and all of said inventions, and in and to any and all patents that may be granted on the foregoing applications and any reissue or extension thereof. I hereby authorize and request the Commissioner of Patents to issue any and all of said Letters Patent to said Assignee. For said consideration, I hereby agree upon the request of said Assignee, its successors, legal representatives or assigns, to execute any and all United States divisional, continuation and renewal applications for said invention, and any and all necessary oaths, supplemental oaths or declarations or supplemental declarations or affidavits relating thereto, and any application for the reissue or extension of any United States Letters Patent that may be greated upon said application that said Assignee, its successors, legal representatives or assigns may deem necessary or expedient. For the said consideration, I further agree upon the request of said Assignee, its successors, legal representatives or assigns, in the event of said application or any division thereof, or Letters Patent issued thereon or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of my ability with said Assignee, its successors, legal representatives or assigns in the matters of preparing and executing the Preliminary Statement and giving and producing evidence in support thereof. I hereby agree to perform upon such request, any and all affirmative acts necessary to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee, its successors, legal representatives or assigns as fully and entirely as the same would have been held and enjoyed if this assignment and sale had not been made. I hereby bind myself, my heirs, legal representatives, administrators, and assign properly to execute without further consideration, any and all applications, petitions, oaths, assignments or other papers and instruments which may be necessary In order to carry into full force and effect the sale, assignment and transfer hereby made, or intended or agreed to be made. And for said considerations, I hereby assign to said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in said invention or improvement for any and all foreign countries and agree upon the request of said Assignee, its successors, legal representatives or assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee, its successors, legal representatives or assigns. LEGAL NAME OF INVENTOR 07, 05, 2013 Inventor: DR. KLAUS WENING Cr. Signature: Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/SB/AIA01 form for each additional inventor.

PATENT REEL: 030531 FRAME: 0739

Norris McLaughlin & Marcus, P.A. Attorney Docket No. 107101-135

Client's Ref.: GRA3600 US

	CLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN PPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT
Title of Invention	TAMPER RESISTANT AND DOSE-DUMPING RESISTANT PHARMACEUTICAL DOSAGE
As the below named inve	ntor, I hereby declare that:
This declaration is directe	ed to: IXI The above-identified application, or
	CUnited States application <u>13/864,450</u> , filed on April 17, 2013.
The above-identified a	pplication was made or authorized to be made by ma.
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
imprisonment of not more	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or I than five (5) years, or both.
amended by any amendn	ive reviewed and understand the contents of the above-identified application, including the claims, as nent specifically referred to above,
continuation-in-part applic and the national or PCT in	y to disclose information which is material to patentability as defined in 37 CFR 1.56, including further cations, material information which became available between the filing date of the prior application nternational filing date of the continuation-in-part application
inventor has sold and ass is <u>ZIEGLERSTRABE 6. I</u> representatives and assig filed as said application at application for Letters Pai	e consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned signed, and by these presents hereby sells and assigns, unto: <u>GRUNENTHAL GMBH</u> , whose address <u>D-52078 AACHEN, GERMANY</u> , a corporation (hereinafter named "Assignee"), its successors, legal gns, the entire right, title and interest in and to said invention for Letters Patent of the United States, nd to the entire right, title and interest in any and all inventions, whether joint or sole, disclosed in said tent, and in any and all divisional or continuation or renewal applications that may be filed for United any and all of said inventions, and in and to any and all patents that may be granted on the foregoing sue or extension thereof.
I hereby authorize and	request the Commissioner of Patents to issue any and all of said Letters Patent to said Assignee.
to execute any and all t necessary caths, suppler application for the reissue	, I hereby agree upon the request of said Assignee, its successors, legal representatives or assigns, United States divisional, continuation and renewal applications for said invention, and any and all mental paths or declarations or supplemental declarations or affidavits relating thereto, and any i or extension of any United States Letters Patent that may be granted upon said application that said legal representatives or assigns may deem necessary or expedient.
assigns, in the event of s for the reissue thereof, t successors, legal represe and producing evidence necessary to obtain said	ation, I further agree upon the request of said Assignee, its successors, legal representatives or aid application or any division thereof, or Letters Patent issued thereon or any reissue or application becoming involved in interference, to cooperate to the best of my ability with said Assignee, its entatives or assigns in the matters of preparing and executing the Preliminary Statement and giving in support thereof, I hereby agree to perform upon such request, any and all affirmative acts Letters Patent and vest all rights therein hereby conveyed in said Assignee, its successors, legal s as fully and entirely as the same would have been held and enjoyed if this assignment and sale had
consideration, any and all in order to carry into full for	my heirs, legal representatives, administrators, and assign properly to execute without further applications, petitions, oaths, assignments or other papers and instruments which may be necessary proce and effect the sale, assignment and transfer hereby made, or intended or agreed to be made.
right, title and interest in Assignee, its successors executed in connection w	itions, i hereby assign to said Assignee, its successors, legal representatives and assigns, the entire said invention or improvement for any and all foreign countries and agree upon the request of said , legal representatives or assigns to execute any and all documents that shall be required to be eith any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and documents necessary to invest title in said foreign applications and patents in said Assignee, its intatives or assigns.
LEGAL NAME OF INVEN	82 7 33% 23883 8
Inventor: OR. SEBASTIAN	
Signature:	
Note: An application data s this form. Use an additional	heet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany i PTO/SB/AIA01 form for each additional inventor.

PATENT REEL: 030531 FRAME: 0740

Clent's Ref.: GRA3600 US

Norris McLaughlin & Marcus, P.A. Altorney Dockel No. 107101-135

PATENT REEL: 030531 FRAME: 0741

COMBINATION DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT				
Title of Invention TAMPER RESISTANT AND DOSE-DUMPING RESISTANT PHARMACEUTICAL DOSAGE				
As the below named inventor, I hereby declare that:				
This declaration is directed to: III The above-identified application, or				
EUnited States application 13/864,450, filed on April 17, 2013.				
The above-identified application was made or authorized to be made by me.				
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above,				
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including further continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application				
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto: <u>GRUNENTHAL GMBH</u> , whose address is <u>ZIEGLERSTRABE 6</u> , <u>D-52078 AACHEN</u> , <u>GERMANY</u> , a corporation (hereinafter named "Assignee"), its successors, legal representatives and assigns, the entire right, title and interest in and to said invention for Letters Patent of the United States, filed as said application and to the entire right, title and interest in any and all inventions, whether joint or sole, disclosed in said application for Letters Patent, and in any and all divisional or continuation or renewal applications that may be filed for United States Letters Patent for any and all of said inventions, and in and to any and all patents that may be granted on the foregoing applications and any reissue or extension thereof.				
I hereby authorize and request the Commissioner of Patents to issue any and all of said Letters Patent to said Assignee.				
For said consideration, I hereby agree upon the request of said Assignee, its successors, legal representatives or assigns, to execute any and all United States divisional, continuation and renewal applications for said invention, and any and all necessary oaths, supplemental oaths or declarations or supplemental declarations or affidavits relating thereto, and any application for the reissue or extension of any United States Letters Patent that may be granted upon said application that said Assignee, its successors, legal representatives or assigns may deem necessary or expedient.				
For the said consideration, I further agree upon the request of said Assignee, its successors, legal representatives or assigns, in the event of said application or any division thereof, or Letters Patent issued thereon or any reissue or application for the relasue thereof, becoming involved in interference, to cooperate to the best of my ability with said Assignee, its successors, legal representatives or assigns in the matters of preparing and executing the Preliminary Statement and giving and producing evidence in support thereof. I hereby agree to perform upon such request, any and all affirmative acts necessary to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee, its successors, legal representatives as fully and entirely as the same would have been held and enjoyed if this assignment and sale had not been made.				
I hereby bind myself, my heirs, legal representatives, administrators, and assign properly to execute without further consideration, any and all applications, petitions, oaths, assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment and transfer hereby made, or intended or agreed to be made.				
And for said considerations, I hereby assign to said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in said invention or improvement for any and all foreign countries and agree upon the request of said Assignee, its successors, legal representatives or assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee, its successors, legal representatives or assigns.				
LEGAL NAME OF INVENTOR Inventor: DR. LUTZ BARNSCHEID				
Inventor: DR. LUTZ BARNS PEID Date: CO. CO. CO.				
Signature				
Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/SB/AIA01 form for each additional inventor.				

RECORDED: 06/03/2013