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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT			
CONVEYING PARTY DATA				
Name		Execution Date		
BARBARA HAEBERLIN		02/11/2004		

RECEIVING PARTY DATA

ANDREA KRAMER
SILVIA HEUERDING

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City:	Basel
State/Country:	SWITZERLAND
Postal Code:	4056

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13489396

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ATTORNEY DOCKET NUMBER:	PAT032171-US-CNT03
NAME OF SUBMITTER:	DENISE COOPER
Signature:	/Denise Cooper/
Date:	11/21/2013

Total Attachments: 1

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ASSIGNMENT

- I / We 1. Barbara HAEBERLIN, Binningerstrasse 5, 4142 Münchenstein, Switzerland
 - 2. Andrea KRAMER, Vogesenstrasse 11, 79276 Reute, Germany
 - 3. Silvia HEUERDING, Rütlistrasse 2, 4051 Basel, Switzerland

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to Novartis AG, a Company organized under the laws of the Swiss Confederation, of Lichtstrasse 35, 4056 Basel, Switzerland, its successors, assigns and legal representatives all my/our right, title and interest, in and for the United States of America, in and to the invention entitled:

PHARMACEUTICAL COMPOSITIONS COMPRISING COLLOIDAL SILICON DIOXIDE

invented by me/us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by the said Novartis AG, its successors, assigns or other 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 and enjoyed by me/us if this assignment and sale had not been made:

And I/we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the said Novartis AG.

Pubana Harbeelen	Signed on M-FU-04
Barbara HAEBERLIN	
Audren Vanns	17. Feb. 04
Andrea KRAMER	
Silvia Huerding	20. Feb. 04
Silvia HELIFRDING	

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