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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
NAYNA GOVIND	06/30/2004
MARIA MARLOW	06/30/2004

RECEIVING PARTY DATA

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State/Country:	SWEDEN		
Postal Code:	SE-151		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15427425

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NAME OF SUBMITTER:	GREGORY T. LOWEN
SIGNATURE:	/Gregory T. Lowen/
DATE SIGNED:	05/23/2018

Total Attachments: 2

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PATENT 504928043 REEL: 045884 FRAME: 0846

Attorney's Docket No.: 06275-410US1

Client's Ref. No.: 100629-1P US

ASSIGNMENT

For valuable consideration, I/we, Nayna GOVIND and Maria MARLOW of Leicestershire, Great Britain; hereby assign to AstraZeneca AB, a corporation having a place of business at SE-151 85 Södertälje, SWEDEN; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled COMPOSITION FOR INHALATION, filed July 27, 2004 , and assigned U.S. Serial Number 10/502,685, and which are found in one or more of International Application No. PCT/SE2003/000156, filed 29 January 2003 (29.01.2003), Swedish Application Serial No. 0200312-7, filed 01 February 2002 (01.02.2002) and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date, serial number and attorney docket number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

> PATENT REEL: 045884 FRAME: 0847

			Attorney's Docket No.: 06275Client's Ref. No.: 100629-1P US		
this _		WHEREOF, I hereto	-	eal at <u>Durham, Great Britain</u> ,	
	NAYNA First	Middle Initial	GOVIND Last	Nayna GOVIND	L.S.
	MADS		MADICA	M Ma law) 10

Maria MARLOW

Date: 30 Jul 200 4

Date: 30 Jul 200 4