Substitute Form PTO-1595 Attorney Docket No.: 06275-253001 Client's Ref. No.: 100504-A US

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Commissioner for Patents: Please racprd the attached original docum	nent(s) or copy(ies).
1. Name of conveying party(ies):	Name and address of receiving party(ies):
Nick Bowman, Patrick Campbell, Anders Geert- Jensen, Jørgen Rasmussen and Keld Sloth	Astra Aktiebolag S-151 85 Sodertalje
Additional name(s) attached? ☐ Yes ☒ No	Sweden
3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other:	
Execution Date: 07/26/02; 07/29/02; 07/31/02; 07/30/02; 07/30/02	Additional names/addresses attached? ☐ Yes ☒ No
4. Application number(s) or patent number(s):	
If this document is being filed with a new application, the execution	on date of the application is:
A. Patent Application No(s).:	B: Patent No(s).:
29/159,783	
Additional numbers	attached? ☐ Yes 図 No
Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1
WILLIAM E. BOOTH	7. Total fee (37 CFR §3.41): \$40
Fish & Richardson P.C.	図 Enclosed
225 Franklin Street Boston, Massachusetts 02110-2804	☐ Authorized to charge Deposit Account.
BOSION, Massachuseus 02 10-2004	8. Deposit Account No.: 06-1050
	Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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DO NOT O	DE TINO OF AGE
9. Statement and Signature: To the best of my knowledge at any attached copy is a true copy of the original docume. William E. Booth Reg. No. 28,933 Name of Person Signing Signature	nd belief, the foregoing information is true and correct arent. LSBULL Date
T	otal number of pages including coversheet, attachments and document
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I hereby certify under 37 CFR §1.8(a) that	at this correspondence is being deposited with the United States Postal Service the date indicated below and is addressed to the Commissioner of Patents,
fugust 16, 2002	Line Reveille Typed Name of Person Signing Certific

ASSIGNMENT

For valuable consideration, we, Nick Bowman of Melbourn, Royston, Herts., United Kingdom; Patrick Campbell of Royston, Herts., United Kingdom; Anders Geert-Jensen of Aarhus, Denmark; Jørgen Rasmussen of Struer, Denmark and Keld Sloth of Struer, Denmark, hereby assign to: AstraZeneca AB, a Swedish corporation having a place of business at: S-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 INHALER REFILL, filed April 29, 2002, and assigned U.S. Serial Number 29/159,783, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial 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.

		NESS WHEREO	F, I hereto set my	hand and se	al at^	MELBOURN	ENGLA	<u> N.)</u> ,
this	26	_ tayof	lary	, 2002.				
						"		L.S.
		MICK	BOWMAN					
Witne	essed by: _	Tong	an	~-				
	Name:	TRACY S	PURCHEON	-	Date:	26 ~ Jul	2002	
Witne	essed by:	Chy		-			J	
	Name:	CHRIT M	LORAN		Date:	26/7/09	2	

In Witn	ESS WHEREC	of, I hereto set my h	and and seal at	t <u>MELE</u>	SOURN, ENG	LAND,
this 29	_day of	July .	_, 2002.		·	
	tathat	Campbell				L.S.
	PATE	RICK CAMPBELL				
Witnessed by: _	Tope					
Name: _	TEACY	Spurgeon	Da	ate:	29/1/02	
Witnessed by: _	Phis	M				
Name:	Guo, t	MARGAI	D	ate:	29/7/02	

In Witt	NESS WHEREO	F, I hereto set my	hand and seal	at	BIGNIT.	ANCHUS	,
this	day of	31.07					
	Aga	y will		<u>.</u>			L.S.
	A	RS GEERT-JEN	SEN				
Witnessed by:	Nom	Hrm	_				
Name:	LAR	HEROB		Date: _	31.07.	2002	
Witnessed by:	J.J. G	Wist	_				
Name:	HUGOR	INES SCHWI	110/	Date: _	31.03	7. 200:	2_

In With	NESS WHEREOF, I hereto set my har	nd and seal at $\underline{\mathcal{R}}$	1 <u>KO</u>	,
this 30	day of July	, 2002.		
	Joyn Rasmoney			L.S.
	JØRGEN RASMUSSEN			
Witnessed by:	Mohal Bristin			
Name:	Michael Kristensen	Date: _	30/7-02	
Witnessed by:	547			
Name:	Sprea Christy	Date:	30-07-2002	

In Witnes	SS WHEREOF, I hereto set my hand and	l seal at	EDICOM DK	
this 30	day of JULY, 2002	2.		L.S.
7(6	KELD SLOTH			L.S.
Witnessed by:	· /)			
Name:	Spren Christrap	Date:	30-07-20	02
Witnessed by:	illihal Fingtian			
Name:	Michael Kristensen	Date:	30/7-02	

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RECORDED: 08/23/2002