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 Attorney Docket No.: 06275-314US1  
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# ATION FORM COVER SHEET PATENTS ONLY

10/221379

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Rob Jansen, Lars Knudsen and Henrik Vilstrup Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): AstraZeneca AB S-151 85 Södertälje SWEDEN  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: (Jansen) 9/18/2002; (Knudsen) 8/30/3003; (Vilstrup) 8/21/2002	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: (Jansen) 9/18/2002; (Knudsen) 8/30/3003; (Vilstrup) 8/21/2002 A. Patent Application No(s): 10/221,379 B. Patent No(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: WILLIAM E. BOOTH Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804	6. Total number of applications/patents involved: 1  7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account.  8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  William E. Booth Reg. No. 28,933 Name of Person Signing	
Signature: <u>William E. Booth</u> Date: <u>Nov 13, 2002</u>	
Total number of pages including coversheet, attachments and document: 3	

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## CERTIFICATE OF MAILING BY EXPRESS MAIL

EL9408102102US  
 Express Mail Label Number

November 13, 2002  
 Date of Deposit

**PATENT**  
**REEL: 013902 FRAME: 0187**

# ASSIGNMENT

For valuable consideration, we, JANSEN, Rob of AstraZeneca R&D Charnwood, Bakewell Road, Loughborough, Leics. LE11 5RH, Great Britain; KNUDSEN, Lars of Bang & Olufsen Medicom a/s, Gimsinglundvej 20, DK-7600 Struer, Denmark; and VILSTRUP, Henrik of Bang & Olufsen Medicom a/s, Gimsinglundvej 20, DK-7600 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 this day, entitled INHALER;

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, and 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.

IN WITNESS WHEREOF, I hereto set my hand and seal at Loughborough, U.K.  
this 18th day of Sept, 19 2002

R.B. Jansen  
Rob Jansen

L.S.

Witnessed by: Jannette Mole

Name: JANNETTE MOLE

Date: 18 Sept 2002

Witnessed by: T. Williams

Name: T. WILLIAMS

Date: 18/9/02

\* \* \*

IN WITNESS WHEREOF, I hereto set my hand and seal at Struer,

this 30 day of August, 2002

Lars Knudsen  
Lars Knudsen

L.S.

Witnessed by: [Signature]

Name: JØRGEN FRUENSØGAARD

Date: 30/8-02

Witnessed by: [Signature]

Name: Gert Danielsen

Date: 30/8-02

\* \* \*

IN WITNESS WHEREOF, I hereto set my hand and seal at Struer,

this 21 day of August, 2002

Henrik Vilstrup  
Henrik Vilstrup

L.S.

Witnessed by: [Signature]

Name: JØRGEN FRUENSØGAARD

Date: 30/8-02

Witnessed by: [Signature]

Name: Gert Danielsen

Date: 30/8-02

\* \* \*

ASSIGN.AFT