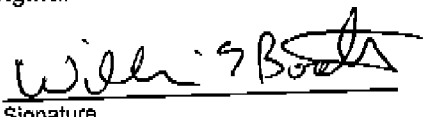


Substitute Form PTO-1595
Attorney Docket No.: 06275-367US1
Client's Ref. No.: ESE/100328-1P US


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| 1. Name of conveying party(ies): Christoffer Abrahamsson, Stefan Andersson-Engels, Staffan Folestad, Jonas Johansson and Sune Svanberg Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party(ies): AstraZeneca AB SE-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: 11/5/2003 | 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: A. Patent Application No(s): 10/472,425 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: JANIS K. FRASER Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804 | 6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" 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. |
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I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

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Attorney's Docket No.: 06275- 3670S1

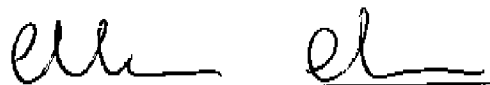
Client's Ref. No.: JHU/100328-1P US

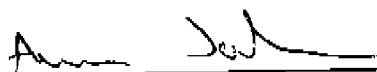
ASSIGNMENT

For valuable consideration, we, Christoffer ABRAHAMSSON of Kykogatan 3, SE-23234 Arlöv, Sweden; Stefan ANDERSSON-ENGELS of Stormvägen 3, SE-243 Höör, Sweden; Staffan FOLESTAD and Jonas JOHANSSON of AstraZeneca R&D Mölndal, SE-431 83 Mölndal, Sweden; and Sune SVANBERG of Nicolovius väg2, SE-224 Lund, Sweden 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 NEW MEASURING TECHNIQUE, filed 18 March 2002 (18.03.2002), and assigned International Patent Application Number PCT/SE02/00510, 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.

Attorney's Docket No.: 06275- 3670S1
Client's Ref. No.: JHU/100328-1P US

IN WITNESS WHEREOF, I hereto set my hand and seal at Kykogatan 3, SE-23234 Arlöv,
Sweden, this 5 day November of, 2003

 L.S.
Christoffer ABRAHAMSSON

Witness: 

Date: 5 November 2003

Witness: 

Date: 5 November 2003

Attorney's Docket No.: 06275-367US1

Client's Ref. No.: JHU/100328-1P US

IN WITNESS WHEREOF, I hereto set my hand and seal at Stormvägen 3, SE-243 Höör,Sweden this 5 day November of, 2003
Stefan ANDERSSON-ENGELS

L.S.

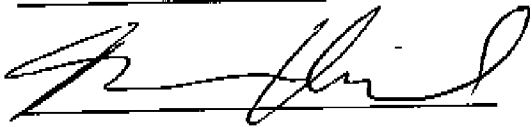
Witness:



Date:

5/11
11/5 2003

Witness:



Date:

5 NOVEMBER 2003

Attorney's Docket No.: 06275- 367US1
Client's Ref. No.: JHU/100328-1P US

IN WITNESS WHEREOF, I hereto set my hand and seal at AstraZeneca R&D Mölndal, SE-
431 83 Mölndal, Sweden this Wednesday day 5th November of, 2003

Staffan FOLESTAD L.S.

Jonas JOHANSSON L.S.

Witness: Ingela Fedvert

Date: 03-11-05

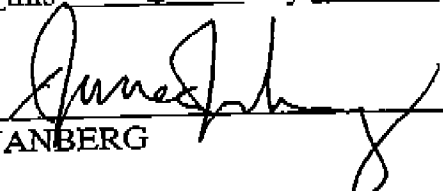
Witness: [Signature]

Date: 03-11-05

Attorney's Docket No.: 06275-~~367US1~~
Client's Ref. No.: JHU/100328-1P US


IN WITNESS WHEREOF, I hereto set my hand and seal at Nicolovius väg2, SE-224 Lund,

Sweden this 5 day Nov. of, 2003

 L.S.
Sune SVANBERG

Witness: Thomas Ljun

Date: 5/11 2003

Witness: 

Date: 5/11 2003