11-08-2002 R SHEET U.S. Department of Commerce **FORM PTO-1595** 1-31-92 Patent and Trademark Office Attorney Docket No. 06063.0052 Attorney Customer Number: 22,852 102276594 To the Honorable Commiss ATTN. BOX ASSIGNMENTS Please record the attached original documents or copy thereof 2. Name and address of receiving party(ies): Name of conveying party(ies): 1) Ole C. HANSEN 2) Flemming JØRGENSEN BIOTEKNOLOGISK INSTITUT Name: 3) Peter STOUGAARD 4) Hans BERTELSEN 5) Karen BØTTCHER 6) Hans Jørgen Singel CHRISTENSEN 7) Kristian ERIKNAUER Internal Address: Additional name(s) of conveying party(ies) attached?

Yes

No Street Address: Kogle Allé 2, DK-2970 Hørsholm, 3. Nature of conveyance: Denmark City: \boxtimes Assignment Merger Change of Name State: Zip Code: Security Agreement Other: Additional name(s) & Address(es) attached? 1) October 4, 2002; 2) October 4, 2002; **Execution Date:** ☐ Yes ⊠ No 3) October 4, 2002; 4) August 29, 2002; 5) August 29, 2002; 6) August 29, 2002; and 7) August 28, 2002 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of 4. the application: B. Patent Number(s): Patent Application Number(s): A. 10/193,896 ☐ Yes Additional numbers attached? ☑ No 6. Total number of applications and registrations 5. Name and address of party to whom correspondence involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40 Mr. Ernest F. Chapman Name: \boxtimes Enclosed (Please charge deficiency to deposit /2002 TBIAZ1 00000242 10193896 account) :8021 Authorized to be charged to deposit account FINNEGAN, HENDERSON, FARABOW, GARRETT Internal Address: & DUNNER, L.L/P. Street Address: 1300 I Street, N.W. Washington, D.C. City: 8. 20005-3315 Deposit Account No.: 06-0916 State: Zip: 9. Statement and signature. 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. Ernest F. Chapman November 6, 2002 Reg. No. 25,961 Date Total number of pages including cover sheet, attachments and documents: 5 PATENT

REEL: 013457 FRAME: 0204

Attorney Docket No.: 06063.0052

JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

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for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on July 15, 2002 (Application No. 10/193,896); and

WHEREAS, BIOTEKNOLOGISK INSTITUT, a corporation of Denmark, whose post office address is Kogle Allé 2, DK-2970 Hørsholm, Denmark (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 10/193,896, filed July 15, 2002) the filing date and application number of said application when known.

PATENT REEL: 013457 FRAME: 0205

Attorney Docket No.: 06063.0052

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

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October 4, 2002 Date:

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PATENT REEL: 013457 FRAME: 0206

Attorney Docket No.: 06063.0052

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RECORDED: 11/06/2002

Date: 25/8/202

PATENT REEL: 013457 FRAME: 0207