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B No. 0651-0027	(exp. 6/30/2005)

For

07-09-2004



U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

(Rev OM Tab settings ⇒⇒⇒ 102786637 To the Honorable Commissioner of Patents and Trademarks: Please record trie attached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Kenneth L. Beattie Name: Houston Advanced Research Center Internal Address: Additional name(s) of conveying party(ies) attached?

Yes
No Street Address: 4800 Research Forest Drive 3. Nature of conveyance: ☐ Merger ☐ Security Agreement
☐ Change of Name City: The Woodlands State: Texas Zip: 77381 Other ____ Country: Execution Date: 1/23/96 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 09/063.356 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence | 6. Total number of applications and patents involved concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$ Customer No.: 27557 ☐ Enclosed Blank Rome LLP 600 New Hampshire Avenue, N.W. Authorized to be charged to deposit account Washington, D.C. 20037 Attorney Docket No.: 114122-00107 8. Deposit account number: 23-2185 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. July 6, 2004 Brian C. Jones Name of Person Signing Total number of pages including cover sheet, attachments, and documents

Mail documents to be recorded with required cover sheet information to:

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commissioner for Patents Alexandria, VA 22313-1450

> PATENT REEL: 015534 FRAME: 0490

PATENT/Docket No.: HARC0001

ASSIGNMENT

As a below-named inventor, I hereby declare that:

My post office address is as stated below under my signature and I am named as an inventor of the inventions or discoveries (herein INVENTIONS) as described in the patent application (herein APPLICATION) identified below. In view of valuable consideration, receipt thereof is hereby acknowledged, I do hereby assign and transfer unto Houston Advanced Research Center, hereinafter "HARC", a not-for-profit" corporation of the State of Texas, its successors and assigns. my entire interest in and the full and exclusive right to the INVENTIONS, the APPLICATION and all related applications (including all divisions, reissues, continuations, and extensions thereof) and all counterparts in other countries, and any and all Letters Patent (and certificates of invention or similar certificates) (herein PATENTS) which may be granted based upon the INVENTIONS or the APPLICATION or related applications or counterparts in all countries; said transfer and assignment being applicable throughout the world. I hereby authorize and request officials of patent offices in any and all countries of the world to issue any and all of the PATENTS, when granted, to HARC, its successors and assigns, as the assignee of my entire right, title, and interest in and to the same. I agree that I will communicate to HARC, or its representatives, any facts known to me respecting the invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of the PATENTS to be issued to HARC, make all rightful oaths; and generally do everything possible to aid HARC, its successors and assigns, to obtain and enforce proper protection for the INVENTION in any and all countries throughout the world. The APPLICATION is identified as:

Int'l Appl. No.: PCT/US94/12282 Int'l Filing Date: October 27, 1994

Docket No.: HARC0001 Country: United States

Title: Microfabricated Porous Apparatus for Discrete Detection of Binding Reactions

FULL NAME OF INVENTOR: Kenneth L. Beattie

Signature of Inventor: Kennett L. Beattie

Address: 2 Hollymead

The Woodlands, Texas 77381

U.S.

STATE OF TEXAS
COUNTY OF HARRIS-MONTGOMERY

On January 23,1996, the above-named inventor personally appeared before me and executed the foregoing instrument and acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

JUDY L. FOXWORTH
MY COMMISSION EXPIRES
January 28, 2000

My Commission Expires: / - 21-2010

V&E30.N (12/93)

PATENT REEL: 015534 FRAME: 0491

July L Solvorth

RECORDED: 07/06/2004