


Client Code: NIH367.001A

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1. Jens Bukh 2. Robert H. Purcell 3. Suzanne U. Emerson 4. Akito Sakai 5. Patrizia Farci</p> <p>Additional name(s) of conveying party(ies) attached? () Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: the Government of the United States of America, as represented by the Secretary, Department of Health and Human Services</p> <p>Internal Address: Suite 325</p> <p>Street Address: 6011 Executive Blvd.</p> <p>City: Rockville State: MD</p> <p>ZIP: 20852-3804</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment () Security Agreement () Merger () Change of Name () Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>1. May 30, 2008 2. May 30, 2008 3. May 30, 2008 4. June 3, 2008 5. May 30, 2008</p>	<p>Additional name(s) of receiving party(ies) attached? () Yes (X) No</p> <p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 12/061,504 Filing Date: April 2, 2008</p> <p>Additional numbers attached? () Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995</p> <p>Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614</p> <p>Return Fax: (949) 760-9502</p> <p>Attorney's Docket No.: NIH367.001A</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Authorized to be charged to deposit account</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>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</p> <p><u>Carolyn A. Favorito</u> Name of Person Signing</p> <p>39,183 Registration No.</p> <p> Signature</p> <p>6-19-08 Date</p> <p>Total number of pages including cover sheet, attachments and document: 7</p>	

Documents transmitted via Facsimile to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Director, U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
Facsimile Number: (571) 273-0140

5543347
051808

700375401

PATENT
REEL: 021126 FRAME: 0513

CH \$40.00 111410 12061504

ASSIGNMENT
Attorney Docket No. NIH367.001A

ASSIGNMENT FOR NIH/FDA INVENTIONS

WHEREAS, I/we, Jens Bukh; Robert H. Purcell; Suzanne U. Emerson; Akito Sakai; and Patrizia Farci, while employed at the National Institutes of Health, a component of the United States Department of Health and Human Services having an address at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660, [hereinafter **The Inventors**], have made certain inventions as described and claimed in the U.S. Patent Application having United States Serial Number 12/061,504, filed April 2, 2008, and which is entitled "CLONED GENOME OF INFECTIOUS HEPATITIS C VIRUS STRAIN HC-TN AND USES THEREOF" ("U.S. Application") and;

WHEREAS, I/we are the applicant(s) named in the above-identified U.S. Application; and

WHEREAS, the inventions described and claimed therein were made under conditions such as to entitle **THE UNITED STATES OF AMERICA**, as represented by the Secretary, Department of Health and Human Services [hereinafter **THE GOVERNMENT**] under Executive Order 10096 and its amendments, 35 USC §§200-201, §§206-207, and §210 and 37 CFR Part 501 to the entire right, title, and interest in such inventions; and

WHEREAS, **THE GOVERNMENT** is desirous of acquiring all domestic and foreign right, title, and interest in the inventions described and claimed in the U.S. Application; and

NOW, THEREFORE, having the legal obligation to assign my/our right, title and interest in the inventions described and claimed in the above-identified patent application to **THE GOVERNMENT**, having a place of business at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660 and for consideration, the receipt and sufficiency of which are hereby acknowledged, I/we hereby assign and transfer and acknowledge our assignment and transfer to **THE GOVERNMENT**:

the entire right, title, and interest in and to any and all inventions described and claimed in said U.S. Application and any and all Letters Patent which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and

all rights to claim priority on the basis of said U.S. Application including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

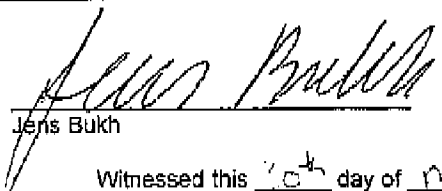
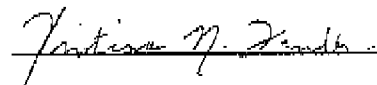
all applications for Letters Patent that may be filed for any and all inventions described and claimed in said U.S. Application that may be filed in any foreign country and all Letters Patents that may be granted thereon in any foreign country and all extensions, renewals, and reissues thereof; and

any and all such Letters Patents as may be granted in the United States or any foreign country to be held by **THE GOVERNMENT** to the end of the term for which the same would have been held by the inventors had this assignment not been made.




I/we further agree to make, execute, and deliver to **THE GOVERNMENT**, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention. **THE GOVERNMENT** promises to pay any reasonable expenses incurred by **The Inventors** in the making, executing and delivering of such papers to **THE GOVERNMENT**.

ASSIGNMENT
Attorney Docket No. NH367.001A

IN WITNESS WHEREOF, we subscribe our hands on the dates shown below:

Inventor 1:	
	<u>5/30 - 2008</u>
Jens Bukh	Date
Witnessed this <u>30th</u> day of <u>May</u> , <u>2008</u> by	
	

ASSIGNMENT
Attorney Docket No. NIH367.001A

Inventor 2:	
	
Robert H. Purcell	Date
Witnessed this <u>30th</u> day of <u>May</u> , <u>2008</u> by	
(Seal)	

ASSIGNMENT
Attorney Docket No. NII-357,001A

Inventor 3:	
<u>Suzanne U. Emerson</u> Suzanne U. Emerson	<u>5/30/08</u> Date
Witnessed this <u>30</u> day of <u>May</u> , <u>2008</u> by	
<u>[Signature]</u>	

ASSIGNMENT
Attorney Docket No. NIH367.001A

Inventor 4:	
<u>Akito Sakai</u> Akito Sakai	<u>June 10 / 2008</u> Date
Witnessed this <u>3rd</u> day of <u>June</u> , <u>2008</u> by	
<u>Yam Nakatsu</u>	

ASSIGNMENT
Attorney Docket No. NIH387.001A

Inventor 5:	
<u>Patrizia Ferri</u> Patrizia Farci	<u>5-30-2008</u> Date
Witnessed this <u>2nd</u> day of <u>May</u> <u>2008</u> by	
<u>Kristin M. Zander</u>	

5433877
052708