

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lakshmi Putcha</td> <td>10/02/1998</td> </tr> <tr> <td>Ramalingeshwara R. Nimmagudda</td> <td>10/05/1998</td> </tr> </tbody> </table>		Name	Execution Date	Lakshmi Putcha	10/02/1998	Ramalingeshwara R. Nimmagudda	10/05/1998				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>United States of America as represented by the Administrator of the National Aeronautics and Space Administration</td> </tr> <tr> <td>Street Address:</td> <td>300 E Street, S.W.</td> </tr> <tr> <td>City:</td> <td>Washington</td> </tr> <tr> <td>State/Country:</td> <td>DISTRICT OF COLUMBIA</td> </tr> <tr> <td>Postal Code:</td> <td>20546</td> </tr> </table>		Name:	United States of America as represented by the Administrator of the National Aeronautics and Space Administration	Street Address:	300 E Street, S.W.	City:	Washington	State/Country:	DISTRICT OF COLUMBIA	Postal Code:	20546
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6716392</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	6716392						
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Patent Number:	6716392										
CORRESPONDENCE DATA											
<p>Fax Number: (281)483-6936          Phone: 281-483-1013          Email: jsc-patentof@mail.nasa.gov  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: JSC Office of Patent Counsel          Address Line 1: 2101 NASA Parkway          Address Line 2: Mailcode AL          Address Line 4: Houston, TEXAS 77058</p>											
ATTORNEY DOCKET NUMBER:	MSC-22616-3										
NAME OF SUBMITTER:	Kurt G. Hammerle										
Total Attachments: 2 source=22616-2-Putcha#page1.tif source=22616-2-Nimmagudda#page1.tif											

CH \$40.00 6716392



National Aeronautics and  
Space Administration

Patent Application

ASSIGNMENT AND AGREEMENT

Title of Invention: Preservation of Liquid Biological Samples

Inventor(s): Lakshmi Putcha, an employee of NASA Johnson Space Center and Ramalingeshwara R.  
Nimmagudda, Self-employed

NASA Case No.: MSC-22616-2 Application No.\*: 09/007,239 Filing Date\*: 01/14/98

WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;

WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Part 501 and 37 CFR Part 101; and

WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for a United States Patent on the above-entitled invention.

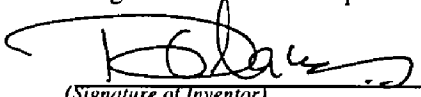
NOW THEREFORE, in consideration of employment by the Government, the undersigned hereby:

1. Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.

2. Agree to grant to the Government the option to acquire foreign rights, in accordance with 37 CFR § 101.4, with the understanding that if this option is not exercised by the Government, such foreign rights may be exercised by the undersigned in accordance with 37 CFR § 101.8.

3. Agree, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment and Agreement.

\*4. Authorize and request the attorneys of record in the application to insert the application number and filing date above when required.

  
(Signature of Inventor)

Lakshmi Putcha

(Inventor's Typed Name)

10/2/98  
(Date)

10/2/98  
(Date Application Executed)

1903 Tangle Pines Court, Houston, TX 77058

(Post Office Address - Including Country)

\_\_\_\_\_  
(Signature of Inventor)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Date Application Executed)

\_\_\_\_\_  
(Inventor's Typed Name)

\_\_\_\_\_  
(Post Office Address - Including Country)

\_\_\_\_\_  
(Signature of Inventor)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Date Application Executed)

\_\_\_\_\_  
(Inventor's Typed Name)

\_\_\_\_\_  
(Post Office Address - Including Country)

Form 430 Electronically reproduced April 1996

PATENT  
REEL: 027857 FRAME: 0598

## ASSIGNMENT

FOR VALUE RECEIVED, I, Ramalingeshwara R. Nimmagudda, hereby sell, assign and transfer unto the Government of the United States of America, as assignee, and its assigns and legal representatives, all my entire right, title and interest, for all in countries and to certain inventions relating to National Aeronautics and Space Administration invention disclosure number MSC-22616-2, entitled "Preservation of Liquid Biological Samples," filed 01/14/98, Serial No. 09/007,239 to be the subject of an application for Letters Patent of the United States, executed by me and my co-inventor, Lakshmi Putcha, on October 2, 1998, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

I request that any and all patents for said inventions be issued to said assignee, its assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its assigns and legal representatives or nominees.

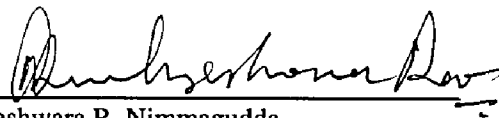
I authorize and empower the said assignee, its assigns and legal representatives or nominees, to invoke and claim for any application for patent or other for of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with said assignee, its assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at Houston, Texas U.S.A.

this 5<sup>th</sup> day of October, 1998.

  
\_\_\_\_\_  
Ramalingeshwara R. Nimmagudda