

FORM PTO-1619A

Expires 06/30/99  
OMB 0651-0027

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Month Day Year**12/2/98**

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**Receiving Party**☐ Mark if additional names of receiving parties attachedName (line 1) **National Institutes of Health, The**Name (line 2) **Extramural Inventions Office, The**Address (line 1) **6701 Rockledge Drive, Room 3188**Address (line 2) **MSC 7750**Address (line 3) **Bethesda**

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**Maryland / USA**

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**20892-7750**

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FORM PTO-1619B

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U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT****Correspondent Name and Address**Area Code and Telephone Number 301-435-1986Name National Institutes of Health, TheAddress (line 1) Extramural Inventions Office, TheAddress (line 2) 6701 Rockledge Drive, Room 3188Address (line 3) MSC 7750Address (line 4) Bethesda, Maryland / USA 20892-7750**Pages**Enter the total number of pages of the attached conveyance document  
including any attachments.# 1**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**09075087**Patent Number(s)**If this document is being filed together with a new Patent Application, enter the date the patent application was  
signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

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**Number of Properties**

Enter the total number of properties involved.

# 1**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:  
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Name of Person Signing



Signature

12/29/98

Date

HIV #1348-96

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This instrument confers to the United States Government, as represented by the Department of Health and Human Services, a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced on its behalf throughout the world the following subject invention. This license will extend to all divisions or continuations of the patent application and all patents or reissues which may be granted thereon:

Invention Title : Method of Improving Viability of Cells at Low Temperature  
Inventor(s) : Alfred L. Goldberg and Olga Kandror  
Patent Application  
Serial No. : 09/075,087  
Filing Date : May 8, 1998  
Title :  
PCT Application  
Serial No. :  
Filing Date :  
Title :  
Country, if other than  
United States :

This subject invention was conceived or first actually reduced to practice in the performance of a government-funded project, (National Institutes of Health/Alcohol, Drug Abuse, and Mental Health Administration grant/contract) No. GM1923-02.

Principal rights to this subject invention have been left with the Licensor:

**PRESIDENT AND FELLOWS OF HARVARD COLLEGE**, subject to the provisions of 37 CFR 401 and 45 CFR 8.

Signed: \_\_\_\_\_

Date

12/2/98

Typed Name: Joyce Brinton

Title: Director, Office for Technology and Trademark Licensing, Harvard University