

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
CONVEYING PARTY DATA	
Name	Execution Date
JOHNS HOPKINS UNIVERSITY	10/04/2001
RECEIVING PARTY DATA	
Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980
City:	Bethesda
State/Country:	MARYLAND
Postal Code:	20892-7980
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	5976499
CORRESPONDENCE DATA	
Fax Number:	(301)480-0272
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	edison@nih.gov
Correspondent Name:	Director, DEITR
Address Line 1:	NIH, 6705 Rockledge Drive, Suite 310
Address Line 2:	MSC 7980
Address Line 4:	Bethesda, MARYLAND 20892-7980
NAME OF SUBMITTER:	Director, DEITR, NIH
Total Attachments: 1 source=5976499#page1.tif	

500660603

PATENT  
REEL: 021590 FRAME: 0803

## LICENSE TO THE UNITED STATES GOVERNMENT

**Invention Title:** Macroscopic Sweat Rate Test for CF**Inventor(s):** Rubenstein, et al.**JHU Reference:** DM-3406**NIH EIR:** 4134401-98-0037**Patent or Application Serial No.:** 5,976,499**Issue/U.S. Filing Date:** 11/2/99**Grant/Contract Identification Number(s):** RUBENS96LO ZEITL196PO ZEITL197AO  
HL51811 HL47122**Foreign Applications filed/intended in (countries):** N/A

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14 or FAR 52.227-11**, which are included among the terms of the above-identified grant/contract award from the Public Health Service/ National Institutes of Health. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations-in-part, and in any and all patents and re-issues granted thereon throughout the world; and
2. All other rights acquired by the Government by reason of the above-identified grant/contract award and the laws and regulations which are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

By:



R. Keith Baker, Ph.D.  
Acting Director, Office of Technology Licensing  
Johns Hopkins University  
School of Medicine  
111 Market Place, Suite 906  
Baltimore, Maryland 21202

PATENT

RECORDED: 09/29/2008

REEL: 021590 FRAME: 0804