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
CALIFORNIA INSTITUTE OF TECHNOLOGY	05/09/2001

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
Application Number:	09796871

CORRESPONDENCE DATA

Fax Number: (301)480-0272

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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=09796871#page1.tif

PATENT REEL: 021332 FRAME: 0492

License to the United States Government

Invention Title: Microfabricated Elastomeric Valve Hand Pump Systems

Inventors: Hou-Pu Chou; Stephen R. Quake; Axel Scherer; Todd A. Thorsen;

Marc A. Unger

Patent Application Serial No: 09/796,871

US Filing/Issue Date: 2/28/2001

Grant/Contract Identification No: HG 01642-02 & HG01642-02

Foreign Applications filed/intended in (countries):

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 National Institute 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 patent and re-issues granted thereon throughout the world; and
- 1. 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

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

Dated:May 9, 2001

Adam Cochran

The Intellectual Property Counsel

California Institute of Technology 1200 E. California Boulevard Pasadena_California 91125

CIT File No: 3016-C2

PATENT REEL: 021332 FRAME: 04

RECORDED: 08/01/2008