PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
JOHNS HOPKINS UNIVERSITY	01/15/2000

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	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	09947953

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Total Attachments: 1

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PATENT REEL: 021573 FRAME: 0010

500655350

LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title:

"Gene Therapy for Cardiac Arrhythmlas: In Vivo Alteration of Cardiac

Electrophysiology by Somatic Gene Transfer"

Inventor(s):

Donahue, et al.

JHU Reference:

DM-3721

NIH EIR:

4134401-00-0047

Patent or Application Serial No.: 09/947,953

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Issue/U.S. Filing Date:

09/06/2001

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Grant/Contract Identification Number(s):

HL52307

Foreign Applications filed/intended in (countries): N

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:

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

Signed this

day of

, 2002___

Bv:

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PATENT

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