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
CHILDREN'S HOSPITAL OF PHILADELPHIA	01/06/2004

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:	10232561

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=10232561-p0001 - p0002#page2.tif

PATENT REEL: 021135 FRAME: 0290

500573999

License to the United States Government

Sign and Fax this to (301) 480-0272

Invention Title: Methods and Compositions useful for Disgnosis, Staging and

Cancers and Tumors

inventor(s): Thomas Genetta

U.S. Filing/Issue Date: 08/30/2002

Patent or Application Serial No.: 10/232,561

Grant/Contract Number(s): CA89194

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, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. 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 that 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

Title

Kurt A. Schwinghammer, Ph.D.

Ву Director (Name of Grantee Contractor Official)

For CHILDREN'S HOSPITAL OF PHILADELPHIA (Grantee/Contractor Organization)

At 141 Abramson 34th Street and Civic Center Blvd. Philadelphia, PA 19104 (Business Address)

> PATENT REEL: 021135 FRAME: 0291

RECORDED: 06/23/2008