## 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
UNIVERSITY OF CHICAGO	05/21/2002

## **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:	10120420

## **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** 

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PATENT REEL: 021319 FRAME: 0622 1413601-62-0006

# LICENSE TO THE UNITED STATES GOVERNMENT

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

Massive trainging artifical neural network for reduction

Of false positive in computerized detection of lung nodules

In low-dose CT

Inventor(s)

Kunio Doi, Kenji Suzuki

Patent Application

Serial No.

10/120,420

Filing Date

4/12/02

Title

Massive Training Artificial Neural Network (MTANN) For Detecting

Abnormalities in Medical Images

Country, if other than

United States

N/A

This subject invention was conceived or first actually reduced to practice in performance of a government-funded project, National Institutes of Health Grant No. CA62625. Principal rights to this subject invention have been left with the Licensor: The University of Chicago, subject to the provisions of 37 CFR 401, and 45 CFR 8.

Signed: \_\_\_\_ Date: May 21, 2002

Typed Name and Title: Alan Thomas

Director

**PATENT REEL: 021319 FRAME: 0623** 

**RECORDED: 07/31/2008**