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
National Science Foundation	10/25/2007

RECEIVING PARTY DATA

Name:	University, Pennsylvania State	
Street Address:	304 Old Main	
City:	University Park	
State/Country:	PENNSYLVANIA	
Postal Code:	16802	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11668853	

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Total Attachments: 1

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PATENT REEL: 020114 FRAME: 0892

LICENSE TO THE UNITED STATES GOVERNMENT

This instrument confirms to the United States Government, as represented by the National Science Foundation, a nonexclusive, nontransferable, irrevocable, royalty-free license to practice or have practiced on its behalf throughout the world the following subject invention:

Invention Title:				
Robust Image-based CAPTCHA Generation and the IMAGINATION System				
Inventor(s):				
J.Z. Wang, J. Li, R. Datta				
Patent Application Serial No.:	Filing Date:		Country (if other than U.S.):	
11/668,853	1/30/2007			
NSF Disclosure No.:		PSU Disclosure No.:		
		2005-3125		

This license will extend to all divisions or continuations of the patent application and all patents or re-issues which may be granted thereon.

The subject invention was made with Government support under Grant No. IIS0347148 awarded by the National Science Foundation.

Principal rights to this subject invention have been left with the Assignee: <u>The Penn State Research Foundation</u>, subject to the provisions of the Patent Rights clause included in the above identified contract with National Science Foundation.

SIGNATURE and TITLE OF ASSIGNEE:

Ву:	Rall Hum	Date: <u>October 25, 2007</u>
Name:	Ronald J. Huss	Title: Director, Intellectual Property Off
	(printed)	(printed)

BUSINESS ADDRESS:

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PATENT RECORDED: 11/15/2007 REEL: 020114 FRAME: 0893