Commissioner for Patents	ВО	X ASSIGNMENTS		Alexandria, VA 22313-1450		
Form PTO-1595 REC	RECORDATION FORM COVER			U.S. DEPART	MENT OF COMMERCE	
(Rev. 03/01)	M. 03/01) PATENTS ON			U.Ş. PATENT AND	TRADEMARK OFFICE	
To the honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof:						
1. Name of Conveying Party(ies): 2. Name and Address of Receiving Party(ies):						
Japan represented by Director General of Agency of Industrial Science and Technology		Name:	National Institute of Advanced Industrial Science and Technology			
		Street Address:	3-1, Kasumiga	seki 1-chome		
		Street Address:	Chiyoda-ku			
		City:	Tokyo			
		State/Country:	Japan	Postal Code:		
Additional name(s) of conveying party(les) attached?	No	Additional name(s) and add	reassa estached? 🔲 Y	es No		
3. Nature of Conveyance:						
Assignment Change of Na			me			
Security Agreement		Other:	Transfer o	f ownership		
☐ Merger		Execution Date:	01062001			
4. Application Number(s) or Patent Number(s):						
\square Assignment is being filed together with new application and the first execution date of application is :						
Application has been filed already and the application filing date is:						
A. Patent Application Number(s): B. Issued Patent Nu 6582941			nber(s):			
Additional numbers attached?						
Name and address of party to whom correspondence concerning this matter should be mailed:			6. Total numbe tions and pa	r of applica- tents involved:	1	
CUSTOMER NUMBER 00136 -or-			7. Total Fee (3	7 CFR 3.41);	\$ 40.00	
JACOBSON HOLMAN PLLC			Enclosed -	Credit Card Paym	nent Form	
400 Seventh Street, N.W. Washington, D.C. 20004-2218			Any deficiencies in enclosed fees are			
Tel. 202-638-6666			authorized to be charged to Deposit Account No. 06-1358.			
Attorney Docket Number: P61596US0						
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8. Statement and Signature:						
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.						
William E. Player 31,409 W. May 10, 2007						
Name of Person Signing, Reg. No.	erson Signing, Reg. No. Signature			Date		
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BOX ASSIGNMENTS Contributions for Fateria Aferication, VA 20213-1450 RECORDATION FORM COVER SHEET Form Price (see V.S. DEPARTMENT OF DOMINEROE PATENTS ONLY O'MAN CAMPO CLE PATIENT AND TRADEMARK OFFICE To the honorable Completioner of Federic and Trademarks: Please record the attached original chancemeter copy the made 1. Name of Conveying Party(fee): 2. Name and Address of Receiving Party(les): Japan represented by Director General of Agency of Industrial Science and Technology Name: National institute of Advanced Industrial Salance and Technology Street Address: 9-7, Keeumigaseki 1-chome Great Address: Chiyode-ku Tokyo **BislaiCourt**ers Postal Code: Japan Acquired a state of the second state of the second state of the second s AGENTAL PROPERTY AND ADMINISTRAÇÃO PROPERTY TO THE PROPERTY OF Мейше от Солучувлоев 🗔 Assignment Change of Name 🔲 Copulity Agreement Other: Transfer of ownership Execution Date: ☐ Morger 01062001 4. Application frombertel or Patent Number(s): - Amigrament le being Med together with new application and the first electrical circle of papiloation is: l.... Application has been filed already and the application filing data is: A. Palayit Application Manuaget. AT MANAGE AMERICA PROTESTAL AND CONTRACTOR OF THE PERSON O OFFICIAL Jakopanel europea editedigat 🗀 You 🗷 🗤 Name and address of party to whom correspondence concerning this memor should be mailed; f. Total himber of applica-1 tions and patents involved: 7. Total Fee (37 CFR 3.41); CUSTOMER NUMBER 05/38 -or-\$ 40,00 Jacobson Holman Pillc 📰 Enciosed - Oredit Gard Payment Form 400 Seventh Street, N.W. Washington, D.C. 20004-2218 Alty deligiencies in enclosed less are Handard or begranio eci or bashoribus Tel. 202-638-6688 Account No. 08-1386, Attemey Docker Number: P61525U20 SOAGE SINT EBUTTON OF B. Gradement and Sjarkturer 'To the best of my knowledge and belief, the languing information is true and correct and any attached copy is a man-William & Player 31,400 May 10, 2007 Name of Parson Righting, Pag. No. Stones or a Date

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PATENT

REEL: 019353 FRAME: 0276

証明書

平成18年12月18日

日本国政府の通商産業省に所属する工業技術院 (AIST) が、2001年1月6日、中央省庁等改革基本法に基づき、経済産業省に所属する産業技術総合研究所 (旧 NIAIST) に改組され、更に2001年4月1日、独立行政法人通則法に基づき、独立行政法人産業技術総合研究所(新 NIAIST)に改組されたこと、

また、工業技術院 (AIST) 若しくは産業技術総合研究所 (旧 NIAIST) が所有あるいは代表する全ての権利及び義務が、独立行政法人産業技術総合研究所 (新 NIAIST) に承継されたことに相違ありません。

独立行政法人産業技術総合物 理事長 吉川 弘之師

CERTIFICATE

December 18, 2006

This is to certify:

THAT effective from January 6, 2001 Japan represented by Director General of Agency of Industrial Science and Technology (hereinafter called "AIST") belonging to the Ministry of International Trade and Industry was changed to National Institute of Advanced Industrial Science and Technology (hereinafter called the old "NIAIST") belonging to the Ministry of Economy, Trade and Industry, associated with implementation of the Enforcement Act relating to Reform of Central Ministries and said Enforcement Act was followed by the General Rules of Independent Administrative Institutes which came into effect on April 1, 2001, and according to the latter the old NIAIST became an independent administrative body under the same name National Institute of Advanced Industrial Science and Technology (hereinafter called the new "NIAIST"); and

THAT the new NIAIST succeeded by law all the rights and obligations as possessed by AIST or the old NIAIST.

President, National Institute of Advanced Industrial Science and Technology Hiroyuki YOSHIKAWA (seal)

> PATENT REEL: 019353 FRAME: 0277

RECORDED: 05/21/2007