Atty Docket No.:

FORM PTO-1595 06-04 294027US0CONT

>/10/~

103291840

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Director of the United States Patent and Trademark Office.	Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Hideyuki HIRAKOSO; Keisuke ABE; Yasuhiro SANADA	Name: Asahi Glass Company, Limited 2	
	Address: 12-1, Yurakucho 1-chome Chiyoda-ku, Tokyo 100-8405	
Additional name(s) of conveying party(ies) attached? ☐ Yes ■ N		
3. Nature of Conveyance:	1326	
Assignment	7	
☐ Security Agreement ☐ Change of Name		
□ Other		
Execution Date: June 14, 2006	Additional name(s) and address(es) attached?   Yes No	
4. Application number(s) or patent number(s):		
This document is being filed together with a new application		
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers attac	hed? ☐ Yes ■ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1	
concerning document should be maned:		
Customer Number	7. Total fee (37 CFR 3.41): \$40.00	
22850	Enclosed  Authorized to be charged to deposit account	
Tel. (703) 413-3000 Fax. (703) 413-2220	8. Deposit account number: 15-0030	
Fax. (703) 413-2220	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE T	THIS SPACE	
9. Statement and signature		
To the best of my knowledge and belief, the foregoing informatio copy of the original document.	n is true and correct and any attached copy is a true	
	-Parlar	
Frederick D. Vastine, Ph.D.  Name of Person Signing  Signing	nature \( \frac{\chi(\text{tof0} \chi(\text{c})}{\text{Date}} \)	
John Niebl	ina	
Registration Number: 27,013 Registration No.		
Total number of pages including	ng this cover sheet: 3	
Do not detach	this portion	
Mail documents to be recorded with required cover sheet information	on to:	
Director of the United States Pa Mail Stop Assignment F Alexandria, Vir	Recordation Services	
08/11/2006 SSESHE1 00000069 115Q1801		
04 FC:8021 40.00 DP		

PATENT REEL: 018178 FRAME: 0161

**10**/587449 (AP20 Rec'd PCT/PTO 25 JUL 2006)

U.S. DEPARTMENT OF COMMERCE Atty. Docket: NL040093US1 08-16-2006 U.S. Patent and Trademark Office 103291841 To the Honorable Commissioner c Please record the attached original documents or copy mon-1. Name of conveying party(ies): 2. Name and address of receiving party(ies) WESTERHOF, WILLEM, A. KONINKLIJKE PHILIPS ELECTRONICS N.V. **Groenewoudseweg 1** VAN EIBERGEN SANTHAGENS, Eindhoven, The Netherlands 5621 BA ROBERT A. **HOEXUM EVERHARDUS J. BRADA YPE B.** VAN DER VLIS PETER H. WEVERS, DIRK H. 4. Application number(s) or patent number(s): Nature of conveyance: If being filed together with a new application, the **⊠** Assignment ■ Merger execution date of application is: 2006-JUL-25 ☐ Security Agreement ☐ Change of Name A. Patent Application No.: \_\_ Other \_ B. Patent No.: NONE Execution Date(s): 2005-AUG-26, 2005-AUG-26, 2005-AUG-26, 2005-AUG-26, 2005-AUG-26, 2005-AUG-26 Additional numbers attached? 

Yes 6. Total number of applications and patents 5. Name & address to whom correspondence concerning document should be mailed: involved: 1 Philips Electronics North America Corp. 7. Total fee (37 DFR 3.41) \$ 40.00 Intellectual Property & Standards 1109 McKay Drive, M/S-41SJ ☐ Enclosed San Jose, California 95131 Authorized to be charged to deposit account 24738 **Customer Number:** PATENT TRADEMARK OFFICE 8. Deposit account number: 14-1270 (Duplicate copy of this page is attached)

PATENT

REEL: 018178 FRAME: 0162

and assign, and transfe N.V., having a place of	r the entire and exclusive r f business at Groenewouds	we acknowledge receipt, I/we as a belowight, title, and interest in the following to eweg 1, 5621 BA Eindhoven, the Netherlallectively "the Assignee") my/our invention	Koninklijke Philips Electronics lands, its successors, assigns, and
was filed on	e/us on, ha	ving a Serial Noving an International Application No.PCT	
therewith, based thereo provisionals divisions,	on, or claiming priority the continuations, continuation	ther United States, foreign and internation refrom including, but not limited to, any ansimpart, reexaminations, reissues, and esive right, title, and interest in and to any	and all provisionals, non- extensions thereof, and the right
any and all Letters Pate	-	officials in the United States and in any a Koninklijke Philips Electronics N.V., fo	
extent. Upon request a legal proceedings inclu	at the expense of the Assignding patent prosecutional reconvenient for securing a	he Assignee to enjoy the foregoing right, nee, I/we agree to execute all papers, take actions and infringement actions, and do and maintaining patents on the foregoing it	e all rightful oaths, testify in all all other such acts which may be
I/We certify that I/we	have the full right to conve	by the above rights.	
<u>26 August 2005</u> Date	(sign name here)	Willem Auke WESTERHOF	, Assignor
26 August 2005	(sign name here)	Rational Contraction of the Cont	, Assignor

Page 1 of 2

**SANTHAGENS** 

Robert Alexander VAN EIBERGEN

(print name here)

26 August 2005

Date