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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. Name of conveying party(les): David V. James, Jose Diaz, Hisato Shima and Bien Stone Is assignment Merger Security Agroement Charge of Name City: San Jose Street Address: 6: Address: Security Agroement Charge of Name City: San Jose Street Address: 6: Address(e) attached? Yes: Notice of patent number(s) Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Sold B. Patent No.(s) Street Address: Security Charge TrayLog Astrone Street Address: Street Address: Street Address: Street Address: Street Address: Street Address	OMB No. 0651-0011 (exp. 4/94) 5. 2. m	101447089	, ~ ¥
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Execution Date: 7/26/00 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) D9/531,062 Additional numbers attached? [Ves INO S. Name and address of party to whom correspondence concerning document should be mailed: Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN_LLP 6. Total Number of applications and patents involved: Image: Image: States: Seventh Floor Street Address: Seventh Floor Street Address: State: CA_ZIP_90025 B. Statement and signature. Do NOT USE THIS SPACE 9. Statement and signature. Total number of application is true and correct and any attached copy is a true opy of this page if paying by deposit account) DO NOT USE THIS SPACE Date 9. Statement and signature. T/31/00 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true opy of this page if paying by deposit account) Date Mail documents to be recorded with nequerical cover sheet information to: Assistant Commissioner for Patents Basestant Commissioner for Patents Mail documents to be recorded with nequiced cover shee		Additional name(a) & address(as) a	ttaabad2 Vaa
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concerning document should be mailed: 1 Name: ELAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP nternal Address: Seventh Floor Street Address: 12400 Wilshire Boulevlard City: Los Angeles State: CA ZIP: 90025 B. Deposit Account Number: 02-2666 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE B. 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 opy of the original document. Paramita Ghosh, Reg. No. 42,806 Name of Person Signing Total number of pages comprising cover sheet, attachments, and document 4 Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231	Additional numbers	attached? □Yes ■No	
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Attachment to Assignment Recordation Cover Sheet

Sony Electronics, Inc. 1 Sony Drive Park Ridge, NJ 07656

080398.P295

ASSIGNMENT

No.: <u>080398.P295</u> (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby

acknowledged, we

the undersigned, ______ David V. James, Jose Diaz, Hisato Shima and Glen Stone

hereby sell, assign, and transfer to <u>Sony Corporation</u>

a corporation of <u>Japan</u>, having a principal place of business at

7-35 Kitashinagawa, 6-Chome, Shinagawa-ku, Tokyo, Japan ; and

<u>Sony Electronics, Inc.</u>, a corporation of <u>Delaware</u>, having a principal place of business at <u>1 Sony Drive, Park Ridge, New Jersey, 07656</u>, ("Assignees"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed <u>March 18</u>, 2000 and assigned Application No. <u>09/531,062</u>

and is entitled

A METHOD AND SYSTEM FOR THE SIMPLIFICATION OF LEAF-LIMITED BRIDGES

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on the foreign countries on said improvements; and in and to all original patents of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Rev. 01/01/2000 (A2)

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

same as nerein expressed is poss	essed by	
Date: 28 July	20 🖽	Don't Camo
ů,	,	Name: David V. James
Date: <u>July</u> 31	20/5/	Name: Jose Diaz
Date:		Name: Hisato Shima
Date: July 20	, 20 <u>*'</u>	
Date:	20	
		Name:
Date:	20	
		Name:
State of:}	Δς	signment Document Return Address:
		AKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
County of:}		400 Wilshire Blvd., Seventh Floor
,,		s Angeles, California 90025-1026
	(40	08) 720-8598
On this <u>26</u> day of <u>July</u> the undersigned Notary Public,	persona	2010; before me, Connie C. del Castilla Ily appeared Glep Storre
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be the person of whose name (\mathbf{x}	proveu Kaubec	to me on the basis of satisfactory evidence to ribed to the within instrument, and
acknowledged that <u>executed</u> it.		noed to the within institution, and
WITNESS my hand and official	seal.	
Connie Cdell		CONNIE C. DEL CASTILLO Commission # 1181103

Notary's Signature



CALIFORNIA ALL-PURPOSE ACKNOWLEDGN

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County of Lanta Cola	
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On the Date before me	Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared	
	Name(s) of Signer/s)
\bigcirc	□ personally known to me
	Sproved to me on the basis of satisfactory
	evidence
	to be the person(s) whose name(s) is/are
	subscribed to the within instrument and
	acknowledged to me that he/she/they executed
ELENA M. HERNANDEZ	the same in his/her/their authorized
Commission # 1232309	capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or
Santa Clara County	the entity upon behalf of which the person(s)
My Comm. Expires Aug 15	acted, executed the instrument.
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Though the information below is not required by la	aw, it may prove valuable to persons relying on the document
	nd reattachment of this form to another document.
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🗌 Individual	OF SIGNER
Corporate Officer — Title(s):	
Partner — Limited General	
Attorney in Fact Trustee	
Guardian or Conservator	
Other:	
Signer Is Representing:	

Attornev's Docket

ASSIGNMENT

PATENT

No.: 080398.P295 (For Execution After Filing Patent Application)
In consideration of good and valuable consideration, the receipt of which is hereby
acknowledged, we
the undersigned, David V. James, Jose Diaz, Hisato Shima and Glen Stone
hereby sell, assign, and transfer to <u>Sony Corporation</u>
a corporation of <u>Japan</u> , having a principal place of business at
7-35 Kitashinagawa, 6-Chome, Shinagawa-ku, Tokyo, Japan ; and
Sony Electronics, Inc., a corporation ofDelaware, having a principal place of business at
1 Sony Drive, Park Ridge, New Jersey, 07656, ("Assignees"), and its successors, assigns, and
legal representatives, the entire right, title, and interest for the United States and all foreign
countries, in and to any and all improvements that are disclosed in the application for the
United States patent that was filed <u>March 18</u> , 2000 and assigned Application No. 09/531,062
and is entitled
A METHOD AND SYSTEM FOR THE SIMPLIFICATION OF LEAF-LIMITED BRIDGES

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all original patents of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Rev. 01/01/2000 (A2)

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 26 Joy 66	_, 20	120 Fortans
Date:		Name: David V. James
Date: $J_{uly 28}$		
Date:		
Date:		
Date:	_, 20	Name:
State of:	<u>} As</u>	ssignment Document Return Address: _AKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
County of:	} 12 Lo	AKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 2400 Wilshire Blvd., Seventh Floor os Angeles, California 90025-1026 08) 720-8598
On this day of the undersigned Notary Public	, persona	20, before me,, Illy appeared
[_] personally known to me [_] proved	to me on the basis of satisfactory evidence to

be the person(s) whose name(s)_subscribed to the within instrument, and acknowledged that _executed it.

WITNESS my hand and official seal.

Notary's Signature

FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

on .	July 31, 2000	
	Date of Deposit	
	Carla Zavala	
_ /	Name of Person Mailing Correspondence	
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	Signature	Date

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FEE C	ALCULA	TION					
1.	BASIC FI	LING FI	EE				
Large	Entity	Small E	ntity				
Fee	Fee	Fee	Fee				
Code	(\$)	Code	(\$)	Fee Description	Fee Paid		
101	690	201	345	Utility application filing fee	47 auto		
106	310	206	155	Design application filing fee			
107	480	207	240	Plant filing fee			
108	690	208	345	Reissue filing fee			
114	150	214	75	Provisional application filing fee			
				s	SUBTOTAL (1) \$		
2.	EXTRA C	LAIM F	EES		Fee from		
				Extra Claims	below Fee Paid		
Total	Claims	15		- 20 ** = 0	X 18 = 0		
	endent C		4	$-4^{**} = 0$	\mathbf{X} 78 = 0		
	ole Deper			•	=		
			lv paid	if greater; For Reissues, see below.			
1	Entity	Small E					
Fee	Fee	Fee	Fee				
Code	(\$)	Code	(\$)	Fee Description			
103	18	203	9	Claims in excess of 20			
102	78	202	39	Independent claims in excess of 3			
104	260	204	130	Multiple dependent claim, if not paid			
109	78	209	39	**Reissue independent claims over origi	nal patent		
110	18	210	9	**Reissue claims in excess of 20 and ov			
					SUBTOTAL (2) \$0		
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PTO/SB/17 (6/99)

Patent fees are subject to annual revisions. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		<u>Small E</u>	<u>Entity</u>				
Fee	Fee	Fee	Fee				
Code	(\$)	Code	(\$)	Fee Description Fee Pa	aid		
105	130	205	65	Surcharge - late filing fee or oath			
127	50	227	25	Surcharge - late provisional filing fee			
				or cover sheet			
139	130	139	130	Non-English specification			
147	2,520	147	2,520	For filing a request for reexamination			
112	920*	112	920*	Requesting publication of SIR prior to			
				Examiner action			
113	1,840*	113	1,840*	Requesting publication of SIR after			
	-		·	Examiner action			
115	110	215	55	Extension for response within first month			
116	380	216	190	Extension for response within second month			
117	870	217	435	Extension for response within third month			
118	1,360	218	680	Extension for response within fourth month			
128	1,850	228	925	Extension for response within fifth month			
119	300	219	150	Notice of Appeal			
120	300	220	150	Filing a brief in support of an appeal			
121	260	221	130	Request for oral hearing			
138	1,510	138	1,510	Petition to institute a public use proceeding			
140	110	240	55	Petition to revive unavoidably abandoned			
				application			
141	1,210	241	605	Petition to revive unintentionally			
	-			abandoned application			
142	1,210	242	605	Utility issue fee (or reissue)			
143	430	243	215	Design issue fee			
144	580	244	290	Plant issue fee			
122	130	122	130	Petitions to the Commissioner			
123	50	123	50	Petitions related to provisional applications			
126	240	126	240	Submission of Information Disclosure Stmt			
581	40	581	40	Recording each patent assignment per	0.0		
				property (times number of properties) 40.	.00		
146	690	246	345	For filing a submission after final rejection			
				(see 37 CFR 1.129(a))			
149	690	249	345	For each additional invention to be examined			
				(see 37 CFR 1.129(a))			
Other	lee (specif	50)					
	ice (speen	<i>y</i> /	•				
Other 1	iee (specif	ý)		······································			
				SUBTOTAL (3) \$40.00			
*Reduc	ed by Basic	Filing Fee	Paid				
neuuc	eu by basic	i ning i co					
Typed	l or Printe	ed Name:	Paramita	a Ghosh			
Signat	ture 🔟	Varan,	rita A	Those Date July 31, 2000	<u> </u>		
Reg N	lumber		42,806	Deposit Account User ID			
l'ica. I			-2,000	(complete if applicat			
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PTO/SB/17 (6/99)

			<u> </u>	FEE TRANSMITTAL FOR FY	2000
				TOTAL AMOUNT OF PAYMENT (\$)	40.00
Applie Filing	lete if Kno cation No. Date Named Inv				
	Art Unit		2781	, D ., et al.	
	iner Name		Unassi	gned	
Attorn	ey Docket	No	080398	3.P295	
METH	IOD OF F	PAYME	NT (che	eck one)	
1.	[X]			ioner is hereby authorized to charge in nents to:	dicated fees and credit
				unt Number <u>02-2666</u> unt Name	
	[]	Charge	Any A	dditional Fee Required Under 37 CFR 1	1.16 and 1.17
2.	_ <u>X</u>	Payme X		k y Order	
FEE (CALCULA	ATION			
1.	BASIC F	iling f	EE		
<u>Large</u> Fee	<u>Entity</u> Fee	<u>Small I</u> Fee	<u>Entity</u> Fee		
Code	(\$)	Code	(\$)	Fee Description	Fee Paid
101	690	201	345	Utility application filing fee	
106	310	206	155	Design application filing fee	
107 108	480 690	207 208	240	Plant filing fee	
114	150	208	345 75	Reissue filing fee Provisional application filing fee	
114	150	214	15	r tovisional application ming ree	
					SUBTOTAL (1) \$0
2.	EXTRA (CLAIM F	EES	Extra Claims	Fee from below Fee Paid
	Claims	<u>15</u>		$-20^{**} = 0$	X = 18 = 0
-	endent C		_4	$-4^{**} = 0$	X <u>78</u> = <u>0</u>
	ple Depei				····· =
		revious	ly paid	l, if greater; For Reissues, see belo	W.
	Entity	Small I	-		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
103	18	203	(*)	Claims in excess of 20	
102	78	202	39	Independent claims in excess of 3	
104	260	204	130	Multiple dependent claim, if not paid	
109	78	209	39	**Reissue independent claims over o	
110	18	210	9	**Reissue claims in excess of 20 and	
					SUBTOTAL (2) \$
01/10	/2000			-1-	PTO/SB/17 (6/99)

01/10/2000 PTO/SB/17 (6/99) Patent fees are subject to annual revisions. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large	<u>Entity</u>	<u>Small E</u>	<u>Entity</u>				
Fee	Fee	Fee	Fee				
Code	(\$)	Code	(\$)	Fee Description	Fee Paid		
105	130	205	65	Surcharge - late filing fee or oath			
127	50	227	25	Surcharge - late provisional filing fee			
				or cover sheet			
139	130	139	130	Non-English specification			
147	2,520	147	2,520	For filing a request for reexamination			
112	920*	112	920*	Requesting publication of SIR prior to			
				Examiner action			
113	1,840*	113	1,840*	Requesting publication of SIR after			
				Examiner action			
115	110	215	55	Extension for response within first month			
116	380	216	190	Extension for response within second month			
117	870	217	435	Extension for response within third month			
118	1,360	218	680	Extension for response within fourth month			
128	1,850	228	925	Extension for response within fifth month			
119	300	21 9	150	Notice of Appeal			
120	300	220	150	Filing a brief in support of an appeal			
121	260	221	130	Request for oral hearing			
138	1,510	138	1,510	Petition to institute a public use proceeding			
140	110	240	55	Petition to revive unavoidably abandoned			
				application			
141	1,210	241	605	Petition to revive unintentionally			
				abandoned application			
142	1,210	242	605	Utility issue fee (or reissue)			
143	430	243	215	Design issue fee			
144	580	244	290	Plant issue fee			
122	130	122	130	Petitions to the Commissioner			
123	50	123	50	Petitions related to provisional applications			
126	240	126	240	Submission of Information Disclosure Stmt			
581	40	581	40	Recording each patent assignment per	40.00		
146	690	246	245	property (times number of properties)			
140	090	240	345	For filing a submission after final rejection (see 37 CFR 1.129(a))			
149	690	249	345	For each additional invention to be examined			
143	030	273	345	(see 37 CFR 1.129(a))			
Other 1	iee (specif	fy)					
Other	lee (specif	iv)					
					<u> </u>		
				SUBTOTAL (3) \$_	40.00		
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"Heduc	ed by Basic	: Filing Fee	Paid				
CUDN							
SORW	ITTED BY	<u>r</u> :					
Typed	Typed or Printed Name: Paramita Ghosh						
Signa	ture	Tara	mita	Thosh Date July 31, 200	Ũ		
		*					
Reg. N	lumber		42,806	Deposit Account User ID			
				(complete i	f applicable)		

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