

08-31-2000

FORM PTO-1585

Recordation



DEPARTMENT OF COMMERCE

(Rev. 6-93)

PATE

OMB No. 0651-0011 (exp. 4/94)

101447089

Tab settings

8.3.00

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
David V. James, Jose Diaz, Hisato Shima and Glen Stone

2. Name and address of receiving party(ies):
Name: Sony Corporation
Internal Address:

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: 7/26/00

Street Address: 6-7-35 Kitashingawa, Shinagawa-ku
Tokyo, Japan
City: San Jose State: CA ZIP: 95131
Additional name(s) & address(es) attached? Yes No

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)
09/531,062

B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP
Internal Address: Seventh Floor
Street Address: 12400 Wilshire Boulevard
City: Los Angeles State: CA ZIP: 90025

6. Total Number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charge to deposit account
8. Deposit Account Number: 02-2666
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.

Paramita Ghosh, Reg. No. 42,806
Name of Person Signing

Paramita Ghosh
Signature

7/31/00
Date

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

Docket No. 80398.P295

40.00 DP
09531062
00/30/2000 11ALLWE 00000113
01 FC:561

PATENT
REEL: 011029 FRAME: 0111

Attachment to Assignment Recordation Cover Sheet

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

080398.P295

PATENT
REEL: 011029 FRAME: 0112

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 Sony Corporation
 a corporation of Japan, having a principal place of business at
7-35 Kitashinagawa, 6-Chome, Shinagawa-ku, Tokyo, Japan; and
Sony Electronics, Inc., a corporation of Delaware, 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 March 18, 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 rights 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

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: 28 July, 2000 [Signature]
Name: David V. James

Date: July 31, 2000 [Signature]
Name: Jose Diaz

Date: _____, 20____
Name: Hisato Shima

Date: July 26, 2000 [Signature]
Name: Glen Stone

Date: _____, 20____
Name: _____

Date: _____, 20____
Name: _____

State of: _____ }
County of: _____ }

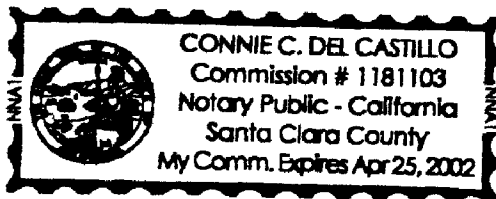
Assignment Document Return Address:
SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, California 90025-1026
(408) 720-8598

On this 26 day of July, 2000, before me, Connie C. del Castillo,
the undersigned Notary Public, personally appeared Glen Stone

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 he executed it.

WITNESS my hand and official seal.

Connie C. del Castillo
Notary's Signature



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

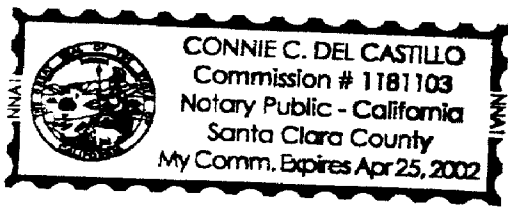
County of Santa Clara } ss.

On July 28, 2000, before me, Connie C. del Castillo Notary Public

personally appeared David V. James

- personally known to me
- proved 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 the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.
Connie C. del Castillo
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document
Title or Type of Document: Assignment (50N3684)

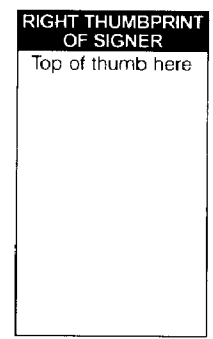
Document Date: _____ Number of Pages: 2

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

- Signer's Name: _____
- Individual
 - Corporate Officer — Title(s): _____
 - Partner — Limited General
 - Attorney in Fact
 - Trustee
 - Guardian or Conservator
 - Other: _____

Signer Is Representing: _____



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara } ss.

On July 31, 2000 Date

before me,

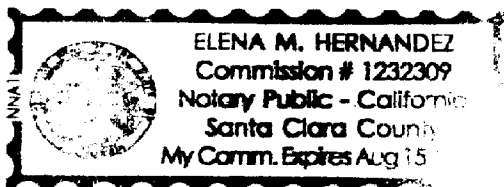
Elena Hernandez
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

Jose Luis Diaz
Name(s) of Signer(s)

- personally known to me
- proved 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 the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.
Elena Hernandez
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: US Patent - 5043684

Document Date: _____ Number of Pages: 2

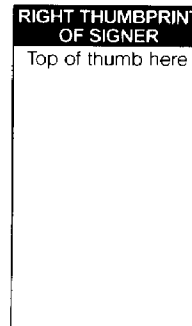
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer Is Representing: _____



Attorney'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 Sony Corporation

a corporation of Japan, having a principal place of business at 7-35 Kitashinagawa, 6-Chome, Shinagawa-ku, Tokyo, Japan; and

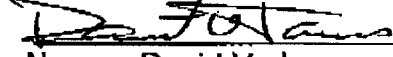
Sony Electronics, Inc., a corporation of Delaware, having a principal place of business at 1 Sony Drive, Park Ridge, New Jersey, 07656, ("Assignees"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed March 18, 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 rights 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

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 July 00, 20 00 
Name: David V. James

Date: _____, 20 _____
Name: Jose Diaz

Date: July 28, 20 00 
Name: Hisato Shima

Date: _____, 20 _____
Name: Glen Stone

Date: _____, 20 _____
Name: _____

Date: _____, 20 _____
Name: _____

State of: _____ }
County of: _____ } SS. Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, California 90025-1026
(408) 720-8598

On this _____ day of _____ 20 __, before me, _____,
the undersigned Notary Public, personally 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

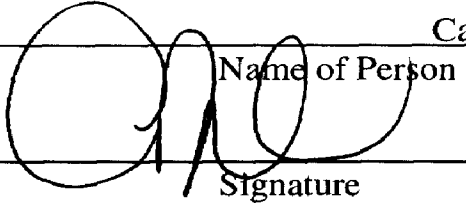
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

on July 31, 2000

Date of Deposit

Carla Zavala

Name of Person Mailing Correspondence


Signature

7-31-00

Date

FEE TRANSMITTAL FOR FY 2000**TOTAL AMOUNT OF PAYMENT (\$)** 40.00**Complete if Known:**

Application No. 09/531,062
 Filing Date March 18, 2000
 First Named Inventor JAMES, D., et al.
 Group Art Unit 2781
 Examiner Name Unassigned
 Attorney Docket No. 080398.P295

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
 Deposit Account Name _____

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. Payment Enclosed:

Check
 _____ Money Order
 _____ Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	690	201	345	Utility application filing fee	_____
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	_____
SUBTOTAL (1)					\$ 0

2. EXTRA CLAIM FEES

		Extra Claims	Fee from below	Fee Paid
Total Claims	<u>15</u>	- 20** = <u>0</u>	X <u>18</u>	= <u>0</u>
Independent Claims	<u>4</u>	- 4** = <u>0</u>	X <u>78</u>	= <u>0</u>
Multiple Dependent				= _____

**Or number previously paid, if greater; For Reissues, see below.

Large Entity		Small Entity		Fee Description	
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
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 original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					\$ 0

01/10/2000

- 1 -

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**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
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 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 fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 40.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Paramita GhoshSignature Paramita Ghosh Date July 31, 2000Reg. Number 42,806 Deposit Account User ID _____

(complete if applicable)

FEE TRANSMITTAL FOR FY 2000TOTAL AMOUNT OF PAYMENT (\$) 40.00

Complete if Known:

Application No. 09/531,062
 Filing Date March 18, 2000
 First Named Inventor JAMES, D., et al.
 Group Art Unit 2781
 Examiner Name Unassigned
 Attorney Docket No. 080398.P295

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
 Deposit Account Name _____

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. Payment Enclosed:

Check
 Money Order
 Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	690	201	345	Utility application filing fee	_____
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	_____
SUBTOTAL (1)					\$ <u>0</u>

2. EXTRA CLAIM FEES

		Extra Claims	Fee from below	Fee Paid
Total Claims	<u>15</u>	- 20** = <u>0</u>	X <u>18</u>	= <u>0</u>
Independent Claims	<u>4</u>	- 4** = <u>0</u>	X <u>78</u>	= <u>0</u>
Multiple Dependent				= _____

**Or number previously paid, if greater; For Reissues, see below.

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
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 original patent	_____
110	18	210	9	**Reissue claims in excess of 20 and over original patent	_____
SUBTOTAL (2)					\$ <u>0</u>

01/10/2000

- 1 -

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

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
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	_____
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117	870	217	435	Extension for response within third month	_____
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128	1,850	228	925	Extension for response within fifth month	_____
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141	1,210	241	605	Petition to revive unintentionally abandoned application	_____
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144	580	244	290	Plant issue fee	_____
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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 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 fee (specify) _____
Other fee (specify) _____

SUBTOTAL (3) \$ 40.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:
Typed or Printed Name: Paramita Ghosh
Signature *Paramita Ghosh* Date July 31, 2000
Reg. Number 42,806 Deposit Account User ID _____
(complete if applicable)