

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:   | NEW ASSIGNMENT                           |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
|--|--|---------------|-----------------------|---------------------|--|--------------------|------------|----------------|------------|---------------------|------------|-----------|------------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT                               |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| <b>CONVEYING PARTY DATA</b>  |  |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Eric Edwards</td> <td>05/10/2001</td> </tr> <tr> <td>Clay Harvey Fisher</td> <td>04/12/2001</td> </tr> <tr> <td>Kurt Jonach</td> <td>04/11/2012</td> </tr> <tr> <td>Neal Jacob Manowitz</td> <td>05/10/2001</td> </tr> <tr> <td>John Tree</td> <td>04/25/2001</td> </tr> </tbody> </table> |  | Name          | Execution Date        | Eric Edwards        | 05/10/2001                               | Clay Harvey Fisher | 04/12/2001 | Kurt Jonach    | 04/11/2012 | Neal Jacob Manowitz | 05/10/2001 | John Tree | 04/25/2001 |
| Name   | Execution Date                           |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| Eric Edwards   | 05/10/2001                               |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| Clay Harvey Fisher   | 04/12/2001                               |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| Kurt Jonach  | 04/11/2012                               |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| Neal Jacob Manowitz  | 05/10/2001                               |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| John Tree  | 04/25/2001                               |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| <b>RECEIVING PARTY DATA</b>  |  |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| <table border="1"> <tr> <td>Name:</td> <td>Sony Corporation</td> </tr> <tr> <td>Street Address:</td> <td>7-35 Kitashinagawa 6-Chome, Shinagawa-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>   |  | Name:         | Sony Corporation      | Street Address:     | 7-35 Kitashinagawa 6-Chome, Shinagawa-ku | City:              | Tokyo      | State/Country: | JAPAN      |                     |            |           |            |
| Name:  | Sony Corporation                         |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| Street Address:  | 7-35 Kitashinagawa 6-Chome, Shinagawa-ku |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| City:  | Tokyo                                    |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| State/Country:   | JAPAN                                    |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| <table border="1"> <tr> <td>Name:</td> <td>Sony Electronics Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1 Sony Drive</td> </tr> <tr> <td>City:</td> <td>Park Ridge</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>07656</td> </tr> </table>  |  | Name:         | Sony Electronics Inc. | Street Address:     | 1 Sony Drive                             | City:              | Park Ridge | State/Country: | NEW JERSEY | Postal Code:        | 07656      |           |            |
| Name:  | Sony Electronics Inc.                    |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| Street Address:  | 1 Sony Drive                             |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| City:  | Park Ridge                               |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| State/Country:   | NEW JERSEY                               |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| Postal Code:   | 07656                                    |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |  |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13101063</td> </tr> </tbody> </table>  |  | Property Type | Number                | Application Number: | 13101063                                 |                    |            |                |            |                     |            |           |            |
| Property Type  | Number                                   |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| Application Number:  | 13101063                                 |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| <b>CORRESPONDENCE DATA</b>   |  |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| Fax Number:  | (408)530-9797                            |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| Phone:   | 408-530-9700                             |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| Email:   | JOWENS@HOLLP.COM                         |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>  |  |               |                       |                     |  |                    |            |                |            |                     |            |           |            |
| Correspondent Name:  | HAVERSTOCK & OWENS LLP                   |               |                       |                     |  |                    |            |                |            |                     |            |           |            |

OP \$40.00 13101063

Address Line 1: 162 N WOLFE ROAD  
Address Line 4: SUNNYVALE, CALIFORNIA 94086

|                         |            |
|-------------------------|------------|
| ATTORNEY DOCKET NUMBER: | SONY-49700 |
|-------------------------|------------|

|                    |                   |
|--------------------|-------------------|
| NAME OF SUBMITTER: | Jonathan O. Owens |
|--------------------|-------------------|

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| Total Attachments: 2<br>source=Assignment_7_13_2012#page1.tif<br>source=Assignment_7_13_2012#page2.tif |
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Docket No.: 50P3833.01

PATENT

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Eric Edwards; Clay Harvey Fisher; Kurt Jonach; Neal Jacob Manowitz; John Tree

hereby sell, assign, transfer to Sony Corporation  
a corporation of Japan, having a place of business at  
7-35 Kitashinagawa 6-Chome, Shinagawa-ku, Tokyo, Japan; and  
Sony Electronics Inc., a corporation of the State of Delaware, having a place  
of business at 1 Sony Drive, Park Ridge, NJ 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 \_\_\_\_\_ and assigned  
Application No. 09/782,235 and is entitled

FIXED SHAPE TRANSLUCENT MASK TOOLS

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 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, representatives in securing and maintaining  
proper patent protection for said improvements and for vesting title to said improvements, and all  
application for patents and all patents on said improvements, in said Assignee, its successors,  
assigns, and legal representatives; and

covenants 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.

ASSIGN-DUAL-SEL 02/10/00

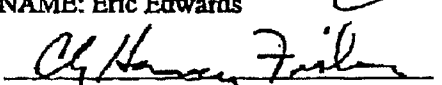
PATENT

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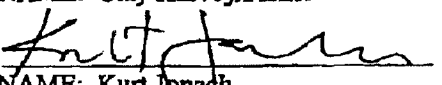
DATE: 10 MAY 01 <sup>Ek</sup>, 20

  
NAME: Eric Edwards

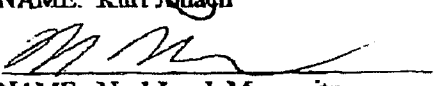
DATE: 4/12, 2001

  
NAME: Clay Harvey Fisher

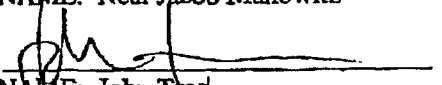
DATE: 4/11, 2001

  
NAME: Kurt Jonach

DATE: 5/10/, 2001

  
NAME: Neal Jacob Manowitz

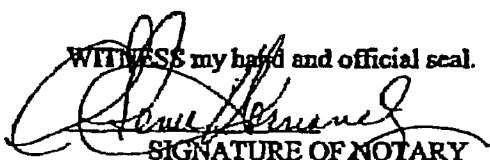
DATE: 25 April 2001, 20

  
NAME: John Fred

Executed this 11 day of April, 2001.

State of California  
County of Santa Clara ss.

On April 11 before me, Paul Hernandez, Notary Public  
personally appeared Kurt Jonach personally known to  
me or 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.

WITNESS my hand and official seal.  
  
SIGNATURE OF NOTARY

ASSIGN-DUAL-SEL 02/10/00