

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name                             | Execution Date |
|----------------------------------|----------------|
| EL TECHNOLOGY FUSION GODO KAISHA | 12/28/2021     |

**RECEIVING PARTY DATA**

|                        |                                              |
|------------------------|----------------------------------------------|
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| <b>State/Country:</b>  | SINGAPORE                                    |
| <b>Postal Code:</b>    | 409051                                       |

**PROPERTY NUMBERS Total: 84**

| Property Type  | Number  |
|----------------|---------|
| Patent Number: | 7408535 |
| Patent Number: | 7876302 |
| Patent Number: | 7274345 |
| Patent Number: | 7375711 |
| Patent Number: | 7692611 |
| Patent Number: | 8373696 |
| Patent Number: | 8823610 |
| Patent Number: | 7489293 |
| Patent Number: | 7223958 |
| Patent Number: | RE42248 |
| Patent Number: | 7489292 |
| Patent Number: | 7955465 |
| Patent Number: | 7772766 |
| Patent Number: | 8110985 |
| Patent Number: | 7679283 |
| Patent Number: | 7932876 |
| Patent Number: | 7663306 |
| Patent Number: | 7531954 |
| Patent Number: | 7760163 |
| Patent Number: | 7737454 |

PATENT

| Property Type  | Number  |
|----------------|---------|
| Patent Number: | 7323720 |
| Patent Number: | 7329849 |
| Patent Number: | 8144083 |
| Patent Number: | 7560743 |
| Patent Number: | 7485886 |
| Patent Number: | 7768197 |
| Patent Number: | 7956883 |
| Patent Number: | 7944459 |
| Patent Number: | 7719011 |
| Patent Number: | 8487313 |
| Patent Number: | 7819717 |
| Patent Number: | 7692842 |
| Patent Number: | 7945179 |
| Patent Number: | 8599116 |
| Patent Number: | 7491975 |
| Patent Number: | 8072396 |
| Patent Number: | 9099036 |
| Patent Number: | 8159420 |
| Patent Number: | 7928935 |
| Patent Number: | 8013534 |
| Patent Number: | 7943935 |
| Patent Number: | 7626205 |
| Patent Number: | 7719181 |
| Patent Number: | 7876037 |
| Patent Number: | 7737637 |
| Patent Number: | 7948179 |
| Patent Number: | 8710895 |
| Patent Number: | 8044579 |
| Patent Number: | 7906899 |
| Patent Number: | 7863814 |
| Patent Number: | 8922112 |
| Patent Number: | 7876043 |
| Patent Number: | 8120248 |
| Patent Number: | 7868528 |
| Patent Number: | 8004174 |
| Patent Number: | 7942547 |
| Patent Number: | 8400055 |
| Patent Number: | 7786668 |

| Property Type  | Number  |
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| Patent Number: | 8604690 |
| Patent Number: | 8062086 |
| Patent Number: | 7944144 |
| Patent Number: | 8242685 |
| Patent Number: | 8379062 |
| Patent Number: | 7999269 |
| Patent Number: | 8310416 |
| Patent Number: | 8614546 |
| Patent Number: | 8395724 |
| Patent Number: | 8093808 |
| Patent Number: | 8427517 |
| Patent Number: | 8476828 |
| Patent Number: | 8362986 |
| Patent Number: | 8537078 |
| Patent Number: | 8593061 |
| Patent Number: | 8766533 |
| Patent Number: | 8033675 |
| Patent Number: | 8497856 |
| Patent Number: | 8928007 |
| Patent Number: | 8708520 |
| Patent Number: | 8823900 |
| Patent Number: | 8779671 |
| Patent Number: | 8686448 |
| Patent Number: | 6825611 |
| Patent Number: | 6781567 |
| Patent Number: | 6768258 |

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| SIGNATURE:              | /WEI TE CHUNG/ |
| DATE SIGNED:            | 03/17/2022     |

**Total Attachments: 12**

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## ASSIGNMENT OF PATENT RIGHTS

Whereas, EL TECHNOLOGY FUSION GODO KAISHA, a corporation of the Japan whose mailing address is Sakura Sogo Jimusyo, 1-11 Kanda Jimbochio, Chiyoda-ku, Tokyo 101-0051, JAPAN, herein referred to as the "Assignor", is the owner and assignee of certain inventions described and claimed in the United States Patent Rights identified in Exhibit A, attached hereto.

Whereas, Element Capital Commercial Company PTE. LTD., a corporation of the Singapore whose mailing address is 60 Paya Lebar Road, #05-15 Paya Lebar Square, Singapore 409051 herein referred to "Assignee", is desirous of acquiring the entire right, title and interest in the above-identified inventions and United States Patent Rights;

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor hereby sells, assigns and transfers unto the Assignee the full and exclusive right, title, and interest to the inventions and United States Patent Rights identified in Exhibit A, and to all divisions, continuations, reissues and extensions thereof, for its sole use and benefit, and for the use and benefit of its successors, assigns, and legal representatives, to the full end of the term for which said United States Patent Rights may be granted.

Executed this 8th day of December, 2021, at Tokyo Japan  
(city, state)

EL TECHNOLOGY FUSION GODO KAISHA  
Assignor

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Title: Executive Manager  
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101-0051, JAPAN

EXHIBIT A  
United States Patent Rights

|    | Title                                                                                                                                                                                                                                 | U.S. Patent No. | Issue Date |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------|
| 1  | LARGE EL PANEL AND<br>MANUFACTURING METHOD<br>THEREFOR                                                                                                                                                                                | 6642542         | 2003/11/4  |
| 2  | DISPLAY DEVICE                                                                                                                                                                                                                        | 6873310         | 2005/3/29  |
| 3  | DISPLAY DEVICE                                                                                                                                                                                                                        | 6801180         | 2004/10/5  |
| 4  | ILLUMINATION DEVICE                                                                                                                                                                                                                   | 6582091         | 2003/6/24  |
| 5  | ORGANIC<br>ELECTROLUMINESCENCE DEVICE<br>AND MANUFACTURING METHOD<br>THEREFOR                                                                                                                                                         | 6869635         | 2005/3/22  |
| 6  | ORGANIC<br>ELECTROLUMINESCENCE DEVICE<br>AND MANUFACTURING METHOD<br>THEREFOR                                                                                                                                                         | 7427832         | 2008/6/23  |
| 7  | ORGANIC<br>ELECTROLUMINESCENCE DEVICE<br>AND MANUFACTURING METHOD<br>THEREFOR                                                                                                                                                         | 7898170         | 2011/3/1   |
| 8  | Illumination device and manufacturing<br>method therefor, display device, and<br>electronic instrument                                                                                                                                | 6644832         | 2003/11/11 |
| 9  | ORGANIC ELECTROLUMINESCENT<br>DEVICE, MANUFACTURING<br>METHOD THEREFOR, AND<br>ELECTRONIC DEVICES<br>THEREWITH                                                                                                                        | 6784459         | 2004/8/31  |
| 10 | MANUFACTURING METHOD FOR<br>ORGANIC ELECTROLUMINESCENT<br>DEVICE INCLUDING AN<br>EFFECTIVELY OPTICAL AREA AND<br>AN ORGANIC<br>ELECTROLUMINESCENT LAYER,<br>ORGANIC ELECTROLUMINESCENT<br>DEVICE, AND ELECTRONIC<br>DEVICES THEREWITH | 6924593         | 2005/8/2   |
| 11 | ORGANIC ELECTROLUMINESCENT<br>DEVICE, MANUFACTURING<br>METHOD THEREFOR, AND<br>ELECTRONIC DEVICES<br>THEREWITH                                                                                                                        | 7755277         | 2010/7/13  |
| 12 | ORGANIC ELECTROLUMINESCENT<br>DEVICE, MANUFACTURING<br>METHOD THEREFOR, AND<br>ELECTRONIC DEVICES<br>THEREWITH                                                                                                                        | 7521709         | 2009/4/21  |
| 13 | ORGANIC ELECTROLUMINESCENT<br>DEVICE, MANUFACTURING<br>METHOD THEREFOR, AND                                                                                                                                                           | 7186581         | 2007/3/6   |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|
|    | ELECTRONIC DEVICES<br>THEREWITH                                                                                                                                                                                                                         |         |            |
| 14 | ORGANIC ELECTROLUMINESCENT<br>DEVICE, MANUFACTURING<br>METHOD THEREFOR, AND<br>ELECTRONIC DEVICES<br>THEREWITH                                                                                                                                          | 7470976 | 2008/12/30 |
| 15 | METHODS OF MANUFACTURING<br>AN ORGANIC<br>ELECTROLUMINESCENT DEVICE                                                                                                                                                                                     | 8454403 | 2013/6/4   |
| 16 | Methods of manufacturing an organic<br>electroluminescent device                                                                                                                                                                                        | 8128448 | 2012/3/6   |
| 17 | Organic electroluminescent device                                                                                                                                                                                                                       | 7990052 | 2011/8/2   |
| 18 | Methods of manufacturing an organic<br>electroluminescent device                                                                                                                                                                                        | 8698136 | 2014/4/15  |
| 19 | MOBILE TERMINAL PROVIDED<br>WITH ORGANIC<br>ELECTROLUMINESCENT AND<br>LIQUID CRYSTAL DEVICES                                                                                                                                                            | 7019714 | 2006/3/28  |
| 20 | LIGHT EMITTING DEVICE, DISPLAY<br>DEVICE AND ELECTRONIC<br>INSTRUMENT                                                                                                                                                                                   | 6791115 | 2004/9/14  |
| 21 | METHOD FOR MANUFACTURING<br>DISPLAY DEVICE, DISPLAY DEVICE,<br>AND ELECTRONIC APPARATUS                                                                                                                                                                 | 6744198 | 2004/6/1   |
| 22 | DRIVING OF DATA LINES USED IN<br>UNIT CIRCUIT CONTROL                                                                                                                                                                                                   | 6989826 | 2006/1/24  |
| 23 | DRIVING OF DATA LINES USED IN<br>UNIT CIRCUIT CONTROL                                                                                                                                                                                                   | 7466311 | 2008/12/16 |
| 24 | UNIT CIRCUIT, ELECTRONIC<br>CIRCUIT, ELECTRONIC<br>APPARATUS, ELECTRO-OPTIC<br>APPARATUS, DRIVING METHOD,<br>AND ELECTRONIC EQUIPMENT                                                                                                                   | 6858991 | 2005/2/22  |
| 25 | Unit circuit, electronic circuit,<br>electronic apparatus, electro-optic<br>apparatus, driving method, and<br>electronic equipment which can<br>compensate for variations in<br>characteristics of transistors to drive<br>current-type driven elements | 7760162 | 2010/7/20  |
| 26 | DISPLAY APPARATUS, ELECTRIC<br>DEVICE, AND MANUFACTURING<br>METHOD OF DISPLAY APPARATUS                                                                                                                                                                 | 6911773 | 2005/6/28  |
| 27 | Active matrix substrate, electro-optical<br>device, and electronic device                                                                                                                                                                               | 7483001 | 2009/1/27  |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|
| 28 | Active matrix substrate, electro-optical device, and electronic device                                                                                                          | 7982692 | 2011/7/19  |
| 29 | Active matrix substrate, electro-optical device, and electronic device                                                                                                          | 8294637 | 2012/10/23 |
| 30 | Active matrix substrate, electro-optical device, and electronic device                                                                                                          | 8525760 | 2013/9/3   |
| 31 | DISPLAY DEVICE WITH A NARROW FRAME                                                                                                                                              | 7038377 | 2006/5/2   |
| 32 | DISPLAY DEVICE WITH A NARROW FRAME                                                                                                                                              | 7190116 | 2007/3/13  |
| 33 | DISPLAY DEVICE HAVING A CONNECTION AREA OUTSIDE THE DISPLAY AREA                                                                                                                | RE42216 | 2011/3/15  |
| 34 | DISPLAY DEVICE HAVING A CONNECTION AREA OUTSIDE THE DISPLAY AREA                                                                                                                | RE43738 | 2012/10/16 |
| 35 | DISPLAY DEVICE HAVING A CONNECTION AREA OUTSIDE THE DISPLAY AREA                                                                                                                | RE44902 | 2014/5/20  |
| 36 | DISPLAY DEVICE HAVING A CONNECTION AREA OUTSIDE THE DISPLAY AREA                                                                                                                | RE45556 | 2015/6/9   |
| 37 | DISPLAY DEVICE WITH A NARROW FRAME                                                                                                                                              | RE47817 | 2020/1/14  |
| 38 | DISPLAY DEVICE AND ELECTRONIC APPARATUS                                                                                                                                         | 7068247 | 2006/6/27  |
| 39 | ELECTRO-OPTICAL DEVICE, FILM MEMBER, LAMINATED FILM, LOW REFRACTIVITY FILM, LAMINATED MULTILAYER FILM AND ELECTRONIC APPLIANCES                                                 | 6985275 | 2006/1/10  |
| 40 | Electro-optical device, film member, laminated film, low refractivity film, laminated multilayer film and electronic appliances                                                 | 7362515 | 2008/4/22  |
| 41 | METHOD FOR MANUFACTURING LAMINATED FILM, ELECTRO-OPTICAL DEVICE, METHOD FOR MANUFACTURING ELECTRO-OPTICAL DEVICE, ORGANIC ELECTROLUMINESCENCE DEVICE, AND ELECTRONIC APPLIANCES | 7025647 | 2006/4/11  |
| 42 | APPARATUS AND METHOD FOR MANUFACTURING ELECTRO-OPTICAL DEVICES                                                                                                                  | 7211838 | 2007/5/1   |
| 43 | Apparatus and method for manufacturing electro-optical devices                                                                                                                  | 7714328 | 2010/5/11  |

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| 44 | LUMINOUS DEVICE AND ELECTRONIC APPLIANCES                                                                                                                                                         | 7023407 | 2008/4/4   |
| 45 | Method for manufacturing semiconductor integrated circuit                                                                                                                                         | 7244662 | 2007/7/17  |
| 46 | Method for manufacturing semiconductor integrated circuit                                                                                                                                         | 6858618 | 2005/2/22  |
| 47 | Light-emission device, method of manufacturing same, electro-optical device and electronic device                                                                                                 | 8101946 | 2012/1/24  |
| 48 | ORGANIC ELECTROLUMINESCENT DISPLAY AND MANUFACTURING METHOD THEREOF, ELECTRO-OPTIC DEVICE AND MANUFACTURING METHOD THEREOF, AND ELECTRONIC DEVICE                                                 | 6919680 | 2005/7/19  |
| 49 | Control circuit for electronic devices, electronic circuit, electro-optical apparatus, driving method for electro-optical apparatus, electronic system, and control method for electronic devices | 7245276 | 2007/7/17  |
| 50 | Control circuit for electronic devices, electronic circuit, electro-optical apparatus, driving method for electro-optical apparatus, electronic system, and control method for electronic devices | 7872618 | 2011/1/18  |
| 51 | Organic electroluminescent device having wiring lines under the partition walls and electronic apparatus using the same                                                                           | 7042154 | 2006/5/9   |
| 52 | Electronic circuit, electronic device, electro-optical device, and electronic apparatus                                                                                                           | 7301514 | 2007/11/27 |
| 53 | ELECTRO-OPTICAL DEVICE, METHOD OF MANUFACTURING THE SAME, AND ELECTRONIC APPARATUS                                                                                                                | 7158103 | 2007/1/2   |
| 54 | Electro-optical device, method of manufacturing the same, and electronic apparatus with overlapping electrode and power source line                                                               | 8138996 | 2012/3/20  |
| 55 | ELECTRO-OPTICAL DEVICE, METHOD OF MANUFACTURING THE SAME, AND ELECTRONIC APPARATUS                                                                                                                | 8743025 | 2014/6/3   |
| 56 | ELECTRONIC CIRCUIT, ELECTRO-OPTICAL DEVICE, METHOD FOR DRIVING ELECTRO-OPTICAL DEVICE AND ELECTRONIC APPARATUS                                                                                    | 7145530 | 2006/12/5  |
| 57 | Electronic circuit, electro-optical device, method for driving electro-                                                                                                                           | 7589699 | 2009/9/15  |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|
|    | optical device and electronic apparatus                                                                                                              |         |            |
| 58 | Electro-optical device, method to drive the same, and electronic apparatus                                                                           | 7446739 | 2008/11/4  |
| 59 | Electronic circuit, electro-optical device, method of driving electro-optical device, and electronic apparatus                                       | 7525520 | 2009/4/28  |
| 60 | Electro-optical device, matrix substrate, and electronic apparatus                                                                                   | 8164267 | 2012/4/24  |
| 61 | ELECTRONIC CIRCUIT, ELECTRO-OPTICAL UNIT, AND ELECTRONIC APPARATUS                                                                                   | 7151536 | 2006/12/19 |
| 62 | Electronic circuit, electronic device, and electronic apparatus                                                                                      | 7417605 | 2003/3/26  |
| 63 | Electronic circuit, method of driving electronic circuit, electro-optical device, method of driving electro-optical device, and electronic apparatus | 7324101 | 2008/1/29  |
| 64 | Electronic circuit, method of driving electronic circuit, electro-optical device, method of driving electro-optical device, and electronic apparatus | 7786989 | 2010/8/31  |
| 65 | Electro-optical device, active-matrix substrate, and electronic apparatus                                                                            | 7259736 | 2007/8/21  |
| 66 | Electroluminescent device with barrier layer structure, method for manufacturing the same, and electronic apparatus                                  | 7508128 | 2009/3/24  |
| 67 | Electroluminescent device, method for manufacturing the same, and electronic apparatus                                                               | 8648528 | 2014/2/11  |
| 68 | Electro-optical device and electronic apparatus                                                                                                      | 7242375 | 2007/7/10  |
| 69 | Electro-optical device and electronic apparatus                                                                                                      | 8779658 | 2014/7/15  |
| 70 | Electro-optical device and electronic apparatus                                                                                                      | 9065074 | 2015/6/23  |
| 71 | Electro-optical device and electronic apparatus                                                                                                      | 9450204 | 2016/9/20  |
| 72 | Self-emitting element, display panel, display apparatus, and method of manufacturing self-emitting element                                           | 7492092 | 2009/2/17  |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|
| 73 | Self-emitting element, display panel, display apparatus, and method of manufacturing self-emitting element                                                                   | 7621202 | 2010/10/26 |
| 74 | ELECTRONIC CIRCUIT, ELECTRONIC DEVICE, ELECTRO-OPTICAL APPARATUS, AND ELECTRONIC UNIT                                                                                        | 7145531 | 2006/12/5  |
| 75 | Method of driving electro-optical device and electronic apparatus                                                                                                            | 7535449 | 2009/5/19  |
| 76 | Method of driving electro-optical device and electronic apparatus                                                                                                            | 8552949 | 2013/10/8  |
| 77 | METHOD OF PRODUCING ELECTROLUMINESCENCE APPARATUS, ELECTROLUMINESCENCE APPARATUS AND ELECTRONIC DEVICE                                                                       | 7223147 | 2007/5/29  |
| 78 | ACTIVE MATRIX DISPLAY DEVICE AND THIN FILM TRANSISTOR DISPLAY DEVICE                                                                                                         | 7071488 | 2006/7/4   |
| 79 | Current generating circuit, electro-optical apparatus, and electronic unit                                                                                                   | 7310093 | 2007/12/18 |
| 80 | FILM PATTERN FORMATION METHOD, DEVICE AND METHOD FOR MANUFACTURING THE SAME, ELECTRO-OPTICAL DEVICE, ELECTRONIC DEVICE, AND METHOD FOR MANUFACTURING ACTIVE MATRIX SUBSTRATE | 7235415 | 2007/6/26  |
| 81 | Device, method of manufacture thereof, manufacturing method for active matrix substrate, electro-optical apparatus and electronic apparatus                                  | 7282779 | 2007/10/16 |
| 82 | Organic EL display device, electronic equipment, and method for manufacturing the same                                                                                       | 7342354 | 2008/3/11  |
| 83 | Organic electroluminescent device and electronic apparatus having specific sub-pixel pattern                                                                                 | 7205713 | 2007/4/17  |
| 84 | Electro-optical device, method of driving electro-optical device, and electronic apparatus                                                                                   | 7567229 | 2009/7/28  |
| 85 | Driving circuit, method for protecting the same, electro-optical apparatus, and electronic apparatus                                                                         | 7408535 | 2008/8/5   |
| 86 | Driving circuit for electro-optical panel and driving method thereof, electro-optical device, and electronic apparatus having electro-optical device                         | 7876302 | 2011/1/25  |
| 87 | Electro-optical device and driving device thereof                                                                                                                            | 7274345 | 2007/9/25  |

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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|
| 88  | Electro-optical device, method of driving the same and electronic apparatus                                                                                  | 7375711 | 2008/5/20 |
| 89  | Electro-optical device, driving method therefor, and electronic apparatus                                                                                    | 7692611 | 2010/4/6  |
| 90  | Electro-optical device, method of driving the same, and electronic apparatus                                                                                 | 8373696 | 2013/2/12 |
| 91  | Electronic circuit, method of driving the same, electronic device, electro-optical device, electronic apparatus, and method of driving the electronic device | 8823610 | 2014/9/2  |
| 92  | Pixel circuit driving method, pixel circuit, electro-optical device, and electronic apparatus                                                                | 7489293 | 2009/2/10 |
| 93  | Device for and method of driving an electro-optical device                                                                                                   | 7223958 | 2007/5/29 |
| 94  | Cleaning method, cleaning apparatus and electro optical device                                                                                               | RE42248 | 2011/3/29 |
| 95  | Driving circuit, electro-optical device, method of driving the same, and electronic apparatus                                                                | 7489292 | 2009/2/10 |
| 96  | Display element and method of manufacturing display element                                                                                                  | 7955465 | 2011/6/7  |
| 97  | Light-emitting device having protective circuits                                                                                                             | 7772766 | 2010/8/10 |
| 98  | Light-emitting device having protective circuits                                                                                                             | 8110965 | 2012/2/7  |
| 99  | EL display device, method of manufacturing the same, and electronic apparatus                                                                                | 7679283 | 2010/3/16 |
| 100 | Electro-optical device, method of driving the same, and electronic apparatus                                                                                 | 7932876 | 2011/4/26 |
| 101 | Electrooptic device, method for producing the same, and electronic apparatus                                                                                 | 7663306 | 2010/2/16 |
| 102 | Display panel, display device, and display module of movable body                                                                                            | 7531954 | 2009/5/12 |
| 103 | Electro-optical device, drive circuit, driving method, and electronic apparatus                                                                              | 7760163 | 2010/7/20 |
| 104 | Organic light-emitting element, organic light-emitting device, and electronic apparatus                                                                      | 7737454 | 2010/6/15 |

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| 105 | LIGHT-EMITTING DEVICE, IMAGE FORMING APPARATUS, AND ELECTRONIC APPARATUS WITH AN INTEGRATED CIRCUIT MOUNTED ON A SUBSTRATE            | 7323720 | 2008/1/29  |
| 106 | Electronic circuit, method of driving electronic circuit, electro-optical device, and electronic apparatus                            | 7329849 | 2008/2/12  |
| 107 | Light-emitting device, method for driving the same driving circuit and electronic apparatus                                           | 8144083 | 2012/3/27  |
| 108 | Electro-optical device, method of manufacturing the same, and image forming apparatus                                                 | 7560743 | 2009/7/14  |
| 109 | Light emitting device, driving method thereof, and image forming apparatus                                                            | 7485886 | 2009/2/3   |
| 110 | Electroluminescence device, an electronic equipment, and methods of manufacturing the same                                            | 7768197 | 2010/8/3   |
| 111 | Light-emitting device, driving circuit, driving method, and electronic apparatus                                                      | 7956883 | 2011/6/7   |
| 112 | Light-emitting device, driving circuit, driving method, electronic apparatus, and image forming apparatus                             | 7944459 | 2011/5/17  |
| 113 | Emissive device and electronic apparatus                                                                                              | 7719011 | 2010/5/18  |
| 114 | Emissive device and electronic apparatus                                                                                              | 8487313 | 2013/7/16  |
| 115 | Emissive device, process for producing emissive device, and electronic apparatus                                                      | 7819717 | 2010/10/26 |
| 116 | Electro-optical device, electronic apparatus, and driving method                                                                      | 7692842 | 2010/4/6   |
| 117 | Driving method for light-emitting elements                                                                                            | 7945179 | 2011/5/17  |
| 118 | Light-emitting device, method for driving the same, and electronic apparatus                                                          | 8599116 | 2013/12/3  |
| 119 | Light-emitting device, method for making the same, and electronic apparatus                                                           | 7491975 | 2009/2/17  |
| 120 | Unit circuit, electro-optical device, and electronic apparatus                                                                        | 8072396 | 2011/12/6  |
| 121 | Active-matrix-type light-emitting device, electronic apparatus, and pixel driving method for active-matrix-type light-emitting device | 9099036 | 2015/8/4   |

|     |                                                                                                    |         |            |
|-----|----------------------------------------------------------------------------------------------------|---------|------------|
| 122 | Electro-optical device and electronic apparatus                                                    | 8159420 | 2012/4/17  |
| 123 | Electric circuit, driving method thereof, electro-optical device, and electronic apparatus         | 7928935 | 2011/4/19  |
| 124 | Electro-optic device and electronic apparatus                                                      | 8013534 | 2011/9/6   |
| 125 | Semiconductor device, method for manufacturing semiconductor device, and electro-optical apparatus | 7943935 | 2011/5/17  |
| 126 | Semiconductor device and electro-optical device                                                    | 7626205 | 2009/12/1  |
| 127 | Organic EL device, method for producing organic EL device, and electronic apparatus                | 7719181 | 2010/5/18  |
| 128 | Organic electroluminescence device having input function and electronic apparatus                  | 7876037 | 2011/1/25  |
| 129 | Organic electroluminescence device having input function and electronic apparatus                  | 7737637 | 2010/6/15  |
| 130 | Organic electroluminescence device having input function and electronic apparatus                  | 7948179 | 2011/5/24  |
| 131 | Level-shift circuit, electro-optical device, and level shift method                                | 8710895 | 2014/4/29  |
| 132 | ELECTROLUMINESCENT DEVICE WITH LIQUID-REPELLENT PORTION AND ELECTRONIC APPARATUS                   | 8044579 | 2011/10/25 |
| 133 | Organic EL device, line head, and electronic apparatus with light shield                           | 7906899 | 2011/3/15  |
| 134 | Organic electroluminescent device comprising a stack partition structure                           | 7863814 | 2011/1/4   |
| 135 | Light emitting device                                                                              | 8922112 | 2014/12/30 |
| 136 | Light-emitting device                                                                              | 7876043 | 2011/1/25  |
| 137 | Light-emitting device, electronic apparatus, and film-forming method                               | 8120248 | 2012/2/21  |
| 138 | Light emitting device with translucent semi-reflection layer and electronic apparatus              | 7868528 | 2011/1/11  |
| 139 | Light-emitting device and electronic apparatus                                                     | 8004174 | 2011/8/23  |

|     |                                                                                                                                                       |         |            |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|
| 140 | Light emitting device and electronic apparatus                                                                                                        | 7942547 | 2011/5/17  |
| 141 | Organic electroluminescence apparatus with metal auxiliary wiring                                                                                     | 8400055 | 2013/3/19  |
| 142 | Organic EL device                                                                                                                                     | 7786668 | 2010/8/31  |
| 143 | Organic EL device, electronic apparatus, and method for manufacturing organic EL device                                                               | 8604690 | 2013/12/10 |
| 144 | Method of manufacturing organic EL panel, organic EL panel, and electronic apparatus                                                                  | 8062086 | 2011/11/22 |
| 145 | Organic electroluminescence device with sealing glass portions and sealing resin portions and method for producing organic electroluminescence device | 7944144 | 2011/5/17  |
| 146 | Organic electroluminescence device capable of preventing light from being not emitted                                                                 | 8242685 | 2012/8/14  |
| 147 | Electro-optical device and electronic apparatus                                                                                                       | 8379062 | 2013/2/19  |
| 148 | Light emitting apparatus and electronic device                                                                                                        | 7999269 | 2011/8/16  |
| 149 | Method of driving pixel circuit, light-emitting apparatus, and electronic apparatus                                                                   | 8310416 | 2012/11/13 |
| 150 | Electroluminescence apparatus, method for manufacturing electroluminescence apparatus, and electronic apparatus                                       | 8614546 | 2013/12/24 |
| 151 | Display device with illuminator connecting with relay, method for manufacturing display device, and electronic apparatus                              | 8395724 | 2013/3/12  |
| 152 | Organic EL device, method of manufacturing organic EL device, and electronic device                                                                   | 8093808 | 2012/1/10  |
| 153 | Light-emitting element, exposure head and image-forming apparatus                                                                                     | 8427517 | 2013/4/23  |
| 154 | Electro-optical device, electronic device, and illumination apparatus including a panel having an electro-optical layer                               | 8476628 | 2013/7/2   |
| 155 | Light emitting apparatus, method for driving light emitting apparatus and electronic apparatus                                                        | 8362986 | 2013/1/29  |
| 156 | Pixel circuit, driving circuit, light emitting apparatus, electronic                                                                                  | 8537078 | 2013/9/17  |

|     |                                                                                                |         |            |
|-----|------------------------------------------------------------------------------------------------|---------|------------|
|     | apparatus and driving method of pixel circuit                                                  |         |            |
| 157 | Electro-optical device and electronic apparatus                                                | 8593081 | 2013/11/26 |
| 158 | Display device                                                                                 | 8766633 | 2014/7/1   |
| 159 | Light emitting device and electronic device                                                    | 8033675 | 2011/10/11 |
| 160 | Light emitting device, method of driving light emitting device, and electronic apparatus       | 8497856 | 2013/7/30  |
| 161 | Electro-optical device, method for manufacturing electro-optical device, and electronic device | 8928007 | 2015/1/6   |
| 162 | Illumination device and electronic apparatus                                                   | 8708520 | 2014/4/29  |
| 163 | Illumination device and electrooptic apparatus                                                 | 8823900 | 2014/9/2   |
| 164 | Illumination device                                                                            | 8779671 | 2014/7/15  |
| 165 | Light emitting device, electronic apparatus, and manufacturing method of light emitting device | 8686448 | 2014/4/1   |
| 166 | ELECTROLUMINESCENT ELEMENTS WITH LIGHT-EMITTING LAYER CONTAINING FIRST AND SECOND COMPOUNDS    | 6625611 | 2004/11/30 |
| 167 | DRIVING METHOD FOR ELECTRO-OPTICAL DEVICE, ELECTRO-OPTICAL DEVICE, AND ELECTRONIC APPARATUS    | 6781587 | 2004/8/24  |
| 168 | METHOD FOR MANUFACTURING ORGANIC EL DEVICE, ORGANIC EL DEVICE, AND ELECTRONIC APPARATUS        | 6768258 | 2004/7/27  |

Total of 12 forms submitted