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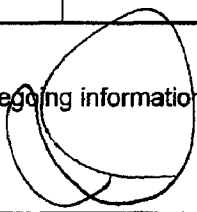
Client Code: SAMSDI.000GEN



To the Director, U.S. Patent and Trademark Office

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ginal documents or copy thereof.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>Samsung SDI Co., Ltd.</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>( ) Yes (X) No</p>                                                                                                                                                                                                                                                                                                          | <p>2. Name and address of receiving party(ies):</p> <p><b>Name:</b> Samsung Mobile Display Co., Ltd.</p> <p><b>Address:</b> 575 Shin-dong, Yeongtong-gu<br/>Suwon-si, Gyeonggi-do<br/>Republic of Korea</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p>( ) Yes (X) No</p> |
| <p>3. Nature of conveyance:</p> <p>(X) Assignment ( ) Security Agreement</p> <p>( ) Merger ( ) Change of Name</p> <p>( ) Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>December 9, 2008</p>                                                                                                                                                                                                                                                                                     | <p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>Patent Application or Patent Nos.: See Appendix A</p> <p>Filing Dates: See Appendix A</p>                                                                                                                                |
| <p>5. Party to whom correspondence concerning document should be mailed:</p> <p><b>Customer No.</b> 20,995</p> <p><b>Address:</b> Knobbe, Martens, Olson &amp; Bear, LLP<br/>2040 Main Street, 14<sup>th</sup> Floor<br/>Irvine, CA 92614</p> <p><b>Return Fax:</b> (949) 760-9502</p> <p><b>Attorney's Docket No.:</b> See Appendix A</p>                                                                                                                                                                           | <p>6. Total number of applications and patents involved: 264</p>                                                                                                                                                                                                                              |
| <p>7. Total fee (37 CFR 1.21(h)): \$10,560</p> <p>(X) Authorized to be charged to deposit account</p>                                                                                                                                                                                                                                                                                                                                                                                                                | <p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>                                                                                                                         |
| <p>9. Statement and signature.</p> <p>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.</p> <p><u>John M. Carson</u><br/>Name of Person Signing</p> <p>34,303<br/>Registration No.</p> <p><br/>Signature</p> <p><u>12/10/08</u><br/>Date</p> <p>Total number of pages including cover sheet, attachments and document: 12</p> |                                                                                                                                                                                                                                                                                               |

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**PATENT**  
**REEL: 022552 FRAME: 0192**

# APPENDIX A

List of patent applications and patents assigned from Samsung SDI Co., Ltd. to Samsung Mobile Display Co., Ltd.

| No. | U.S. Patent Application Serial No. | U.S. Filing Date | U.S. Patent No. | Issue Date | Attorney Docket No. | SMD Ref. No. | FA Ref. No.      | Sole ownership |
|-----|------------------------------------|------------------|-----------------|------------|---------------------|--------------|------------------|----------------|
| A1  | 11/247,470                         | 10/11/2005       | N/A             | N/A        | SDISW.002AUS        | G03463       | SPX200410-0080US | Yes            |
| A2  | 11/232,290                         | 9/21/2005        | N/A             | N/A        | SDISW.001AUS        | G03478       | SPX200410-0083US | Yes            |
| A3  | 11/406,802                         | 4/19/2006        | N/A             | N/A        | SDISW.007AUS        | G03484       | SPX200410-0054US | Yes            |
| A4  | 11/288,571                         | 11/29/2005       | N/A             | N/A        | SDISW.003AUS        | G03492       | SPX200410-0062US | Yes            |
| A5  | 11/485,947                         | 7/12/2006        | N/A             | N/A        | SDISW.008AUS        | G03759       | SPX200501-0006US | Yes            |
| A6  | 11/247,398                         | 10/11/2005       | N/A             | N/A        | SDISW.005AUS        | G03952       | SPX200503-0017US | Yes            |
| A7  | 11/247,991                         | 10/11/2005       | N/A             | N/A        | SDISW.004AUS        | G04010       | SPX200503-0022US | Yes            |
| A8  | 11/273,052                         | 11/14/2005       | 7,411,572       | 8/12/2008  | SDISW.006AUS        | G04065       | SPX200504-0019US | Yes            |
| A9  | 11/297,708                         | 12/8/2005        | N/A             | N/A        | SDISW.011AUS        | G04166       | SPX200505-0052US | Yes            |
| A10 | 11/327,141                         | 1/6/2006         | N/A             | N/A        | SDISW.009AUS        | G04175       | SPX200505-0056US | Yes            |
| A11 | 11/408,544                         | 4/21/2006        | N/A             | N/A        | SDISW.016AUS        | G04273       | SPX200506-0038US | Yes            |
| A12 | 11/378,571                         | 3/17/2006        | N/A             | N/A        | SDISW.013AUS        | G04378       | SPX200507-0035US | Yes            |
| A13 | 11/432,598                         | 5/11/2006        | N/A             | N/A        | SDISW.010AUS        | G04396       | SPX200507-0040US | Yes            |
| A14 | 11/385,097                         | 3/20/2006        | N/A             | N/A        | SDISW.012AUS        | G04448       | SPX200508-0036US | Yes            |
| A15 | 11/512,638                         | 8/30/2006        | N/A             | N/A        | SDISW.032AUS        | G04506       | SPX200508-0041US | Yes            |
| A16 | 11/489,648                         | 7/18/2006        | N/A             | N/A        | SDISW.014AUS        | G04511       | SPX200508-0046US | Yes            |
| A17 | 11/473,830                         | 6/22/2006        | N/A             | N/A        | SDISW.024AUS        | G04551       | SPX200509-0031US | Yes            |
| A18 | 11/473,455                         | 6/22/2006        | N/A             | N/A        | SDISW.022AUS        | G04552       | SPX200509-0032US | Yes            |
| A19 | 11/506,628                         | 8/18/2006        | N/A             | N/A        | SDISW.015AUS        | G04614       | SPX200509-0036US | Yes            |
| A20 | 11/522,190                         | 9/15/2006        | N/A             | N/A        | SDISW.033AUS        | G04615       | SPX200509-0037US | Yes            |
| A21 | 11/521,738                         | 9/14/2006        | N/A             | N/A        | SDISW.029AUS        | G04616       | SPX200509-0038US | Yes            |
| A22 | 11/521,703                         | 9/15/2006        | N/A             | N/A        | SDISW.030AUS        | G04617       | SPX200509-0039US | Yes            |
| A23 | 11/473,581                         | 6/22/2006        | N/A             | N/A        | SDISW.023AUS        | G04626       | SPX200509-0041US | Yes            |
| A24 | 11/440,500                         | 5/24/2006        | N/A             | N/A        | SDISW.021AUS        | G04637       | SPX200509-0042US | Yes            |
| A25 | 11/486,647                         | 7/14/2006        | N/A             | N/A        | SDISW.025AUS        | G04661       | SPX200511-0029US | Yes            |
| A26 | 11/510,432                         | 8/24/2006        | N/A             | N/A        | SDISW.028AUS        | G04673       | SPX200511-0031US | Yes            |
| A27 | 11/509,863                         | 8/24/2006        | N/A             | N/A        | SDISW.027AUS        | G04779       | SPX200511-0038US | Yes            |
| A28 | 11/529,948                         | 9/29/2006        | N/A             | N/A        | SDISW.031AUS        | G04865       | SPX200512-0024US | Yes            |
| A29 | 11/650,630                         | 1/8/2007         | N/A             | N/A        | SDISW.034AUS        | G05031       | SPX200602-0018US | Yes            |
| A30 | 11/529,916                         | 9/29/2006        | N/A             | N/A        | SDISW.017AUS        | G05033       | SPX200602-0019US | Yes            |
| A31 | 11/529,891                         | 9/29/2006        | N/A             | N/A        | SDISW.018AUS        | G05036       | SPX200602-0020US | Yes            |

# APPENDIX A

List of patent applications and patents assigned from Samsung SDI Co., Ltd. to Samsung Mobile Display Co., Ltd.

| No. | U.S. Patent Application Serial No. | U.S. Filing Date | U.S. Patent No. | Issue Date | Attorney Docket No. | SMD Ref. No. | FA Ref. No.      | Sole ownership |
|-----|------------------------------------|------------------|-----------------|------------|---------------------|--------------|------------------|----------------|
| A32 | 11/529,912                         | 9/29/2006        | N/A             | N/A        | SDISW.019AUS        | G05037       | SPX200602-0021US | Yes            |
| A33 | 11/540,103                         | 9/29/2006        | N/A             | N/A        | SDISW.020AUS        | G05038       | SPX200602-0022US | Yes            |
| A34 | 11/529,884                         | 9/29/2006        | N/A             | N/A        | SDISW.026AUS        | G05040       | SPX200602-0023US | Yes            |
| A35 | 11/654,276                         | 1/16/2007        | N/A             | N/A        | SDISW.035AUS        | G05137       | SPX200603-0018US | Yes            |
| A36 | 11/943,484                         | 11/20/2007       | N/A             | N/A        | SDISW.042AUS        | G05139       | SPX200603-0019US | Yes            |
| A37 | 11/876,681                         | 10/22/2007       | N/A             | N/A        | SDISW.038AUS        | G05325       | SPX200605-0019US | Yes            |
| A38 | 12/006,666                         | 1/3/2008         | N/A             | N/A        | SDISW.039AUS        | G05606       | SPX200607-0018US | Yes            |
| A39 | 11/935,943                         | 11/6/2007        | N/A             | N/A        | SDISW.037AUS        | G05680       | SPX200607-0017US | Yes            |
| A40 | 11/942,306                         | 11/19/2007       | N/A             | N/A        | SDISW.045AUS        | G06240       | SPX200611-0031US | Yes            |
| A41 | 12/137,353                         | 6/11/2008        | N/A             | N/A        | SDISW.040AUS        | G06244       | SPX200611-0033US | Yes            |
| A42 | 12/138,313                         | 6/12/2008        | N/A             | N/A        | SDISW.044AUS        | G06356       | SPX200611-0060US | Yes            |
| A43 | 12/043,048                         | 3/5/2008         | N/A             | N/A        | SDISW.041AUS        | G06510       | SPX200702-0005US | Yes            |
| A44 | 12/079,720                         | 3/28/2008        | N/A             | N/A        | SDISW.048PRF        | G07096       | SPX200711-0051US | Yes            |
| A45 | 61/077,052                         | 6/30/2008        | N/A             | N/A        | SDISW.001AUS        | G03472       | P0040584SD       | Yes            |
| B1  | 11/214,450                         | 8/29/2005        | N/A             | N/A        | SDISW.002AUS        | G03473       | P0040587SD       | Yes            |
| B2  | 11/227,962                         | 9/14/2005        | N/A             | N/A        | SDISW.005AUS        | G04063       | P0050368SD       | Yes            |
| B3  | 11/227,973                         | 9/14/2005        | N/A             | N/A        | SDISW.006AUS        | G04165       | P0050465SD       | Yes            |
| B4  | 11/248,022                         | 10/11/2005       | N/A             | N/A        | SDISW.007AUS        | G04075       | P0050386SD       | Yes            |
| B5  | 11/280,958                         | 11/15/2005       | N/A             | N/A        | SDISW.008AUS        | G04085       | P0050403SD       | Yes            |
| B6  | 11/270,051                         | 11/9/2005        | N/A             | N/A        | SDISW.009AUS        | G04280       | P0050534SD       | Yes            |
| B7  | 11/283,529                         | 11/18/2005       | N/A             | N/A        | SDISW.010AUS        | G04352       | P0050550SD       | Yes            |
| B8  | 11/283,543                         | 11/18/2005       | N/A             | N/A        | SDISW.011AUS        | G04354       | P0050563SD       | Yes            |
| B9  | 11/405,091                         | 4/17/2006        | N/A             | N/A        | SDISW.012AUS        | G04408       | P0050567SD       | Yes            |
| B10 | 11/390,589                         | 3/27/2006        | N/A             | N/A        | SDISW.013AUS        | G04390       | P0050573SD       | Yes            |
| B11 | 11/364,590                         | 2/28/2006        | N/A             | N/A        | SDISW.014AUS        |              |                  |                |
| B12 | 11/430,814                         | 5/9/2006         | N/A             | N/A        |                     |              |                  |                |
| B13 | 11/472,688                         | 6/21/2006        | N/A             | N/A        |                     |              |                  |                |
| B14 | 11/364,517                         | 2/27/2006        | N/A             | N/A        |                     |              |                  |                |

# APPENDIX A

List of patent applications and patents assigned from Samsung SDI Co., Ltd. to Samsung Mobile Display Co., Ltd.

| No. | U.S. Patent Application Serial No. | U.S. Filing Date | U.S. Patent No. | Issue Date | Attorney Docket No. | SMD Ref. No. | FA Ref. No. | Sole ownership                                                       |
|-----|------------------------------------|------------------|-----------------|------------|---------------------|--------------|-------------|----------------------------------------------------------------------|
| B15 | 11/364,521                         | 2/27/2006        | N/A             | N/A        | SDISHN.016AUS       | G04349       | Po050559SD  | No. Jointly owned with Seoul National University Industry Foundation |
| B16 | 11/305,890                         | 12/16/2005       | N/A             | N/A        | SDISHN.017AUS       | G04155       | Po050448SD  | Yes                                                                  |
| B17 | 11/390,774                         | 3/28/2006        | 7,307,455       | 12/11/2007 | SDISHN.018AUS       | G04202       | Po050488SD  | Yes                                                                  |
| B18 | 11/388,946                         | 3/24/2006        | N/A             | N/A        | SDISHN.019AUS       | G04355       | Po050552SD  | Yes                                                                  |
| B19 | 11/432,181                         | 5/11/2006        | 7,417,215       | 8/26/2008  | SDISHN.020AUS       | G04367       | Po050602SD  | Yes                                                                  |
| B20 | 11/392,067                         | 3/29/2006        | N/A             | N/A        | SDISHN.021AUS       | G04353       | Po050551SD  | Yes                                                                  |
| B21 | 11/377,981                         | 3/17/2006        | N/A             | N/A        | SDISHN.022AUS       | G04193       | Po050475SD  | No. Jointly owned with IUCF-HYU                                      |
| B22 | 11/506,698                         | 8/18/2006        | N/A             | N/A        | SDISHN.023AUS       | G04586       | Po050933SD  | Yes                                                                  |
| B23 | 11/489,656                         | 7/18/2006        | N/A             | N/A        | SDISHN.024AUS       | G04472       | Po050730SD  | Yes                                                                  |
| B24 | 11/501,602                         | 8/9/2006         | N/A             | N/A        | SDISHN.025AUS       | G04610       | Po050891SD  | Yes                                                                  |
| B25 | 11/489,646                         | 7/18/2006        | N/A             | N/A        | SDISHN.026AUS       | G04483       | Po050726SD  | Yes                                                                  |
| B26 | 11/520,068                         | 9/12/2006        | N/A             | N/A        | SDISHN.027AUS       | G04612       | Po050935SD  | Yes                                                                  |
| B27 | 11/495,828                         | 7/27/2006        | N/A             | N/A        | SDISHN.028AUS       | G04574       | Po050903SD  | Yes                                                                  |
| B28 | 11/509,975                         | 8/25/2006        | N/A             | N/A        | SDISHN.029AUS       | G04583       | Po050924SD  | Yes                                                                  |
| B29 | 11/524,734                         | 9/20/2006        | N/A             | N/A        | SDISHN.032AUS       | G04621       | Po050941SD  | Yes                                                                  |
| B30 | 11/506,685                         | 8/18/2006        | N/A             | N/A        | SDISHN.033AUS       | G04620       | Po050937SD  | Yes                                                                  |
| B31 | 11/506,433                         | 8/18/2006        | N/A             | N/A        | SDISHN.034AUS       | G04622       | Po050942SD  | Yes                                                                  |
| B32 | 11/511,111                         | 8/28/2006        | N/A             | N/A        | SDISHN.035AUS       | G04869       | Po051128SD  | Yes                                                                  |
| B33 | 11/511,205                         | 8/28/2006        | N/A             | N/A        | SDISHN.036AUS       | G04864       | Po051118SD  | Yes                                                                  |
| B34 | 11/511,153                         | 8/28/2006        | N/A             | N/A        | SDISHN.037AUS       | G04862       | Po051124SD  | Yes                                                                  |
| B35 | 11/510,997                         | 8/28/2006        | N/A             | N/A        | SDISHN.038AUS       | G04815       | Po051132SD  | Yes                                                                  |
| B36 | 11/511,021                         | 8/28/2006        | N/A             | N/A        | SDISHN.039AUS       | G04816       | Po051150SD  | Yes                                                                  |
| B37 | 11/527,300                         | 9/25/2006        | N/A             | N/A        | SDISHN.040AUS       | G04898       | Po060015SD  | Yes                                                                  |
| B38 | 11/508,530                         | 8/22/2006        | N/A             | N/A        | SDISHN.041AUS       | G04904       | Po060021SD  | Yes                                                                  |
| B39 | 11/514,688                         | 8/31/2006        | N/A             | N/A        | SDISHN.042AUS       | G05041       | Po060192SD  | Yes                                                                  |
| B40 | 11/541,055                         | 9/29/2006        | N/A             | N/A        | SDISHN.043AUS       | G05044       | Po060207SD  | Yes                                                                  |
| B41 | 11/529,914                         | 9/29/2006        | N/A             | N/A        | SDISHN.045AUS       | G05039       | Po060190SD  | Yes                                                                  |
| B42 | 11/529,913                         | 9/29/2006        | N/A             | N/A        | SDISHN.046AUS       | G05042       | Po060197SD  | Yes                                                                  |
| B43 | 11/512,651                         | 8/29/2006        | N/A             | N/A        | SDISHN.047AUS       | G05061       | Po060218SD  | Yes                                                                  |

# APPENDIX A

List of patent applications and patents assigned from Samsung SDI Co., Ltd. to Samsung Mobile Display Co., Ltd.

| No. | U.S. Patent Application Serial No. | U.S. Filing Date | U.S. Patent No. | Issue Date | Attorney Docket No. | SMD Ref. No. | FA Ref. No. | Sole ownership |
|-----|------------------------------------|------------------|-----------------|------------|---------------------|--------------|-------------|----------------|
| B44 | 11/541,139                         | 9/29/2006        | N/A             | N/A        | SDISHN.048AUS       | G05106       | P0060245SD  | Yes            |
| B45 | 11/540,083                         | 9/29/2006        | N/A             | N/A        | SDISHN.049AUS       | G05172       | P0060507SD  | Yes            |
| B46 | 11/540,366                         | 9/29/2006        | N/A             | N/A        | SDISHN.050AUS       | G05188       | P0060536SD  | Yes            |
| B47 | 11/541,047                         | 9/29/2006        | N/A             | N/A        | SDISHN.051AUS       | G05030       | P0060178SD  | Yes            |
| B48 | 11/540,150                         | 9/29/2006        | N/A             | N/A        | SDISHN.052AUS       | G05035       | P0060188SD  | Yes            |
| B49 | 11/541,009                         | 9/29/2006        | N/A             | N/A        | SDISHN.053AUS       | G05045       | P0060209SD  | Yes            |
| B50 | 11/540,151                         | 9/29/2006        | N/A             | N/A        | SDISHN.054AUS       | G05103       | P0060230SD  | Yes            |
| B51 | 11/529,910                         | 9/29/2006        | N/A             | N/A        | SDISHN.055AUS       | G05154       | P0060455SD  | Yes            |
| B52 | 11/540,084                         | 9/29/2006        | N/A             | N/A        | SDISHN.056AUS       | G05155       | P0060460SD  | Yes            |
| B53 | 11/540,383                         | 9/29/2006        | N/A             | N/A        | SDISHN.057AUS       | G05151       | P0060443SD  | Yes            |
| B54 | 11/540,417                         | 9/29/2006        | 7,385,347       | 6/10/2008  | SDISHN.058AUS       | G05152       | P0060445SD  | Yes            |
| B55 | 11/529,883                         | 9/29/2006        | N/A             | N/A        | SDISHN.059AUS       | G05156       | P0060465SD  | Yes            |
| B56 | 11/540,008                         | 9/29/2006        | N/A             | N/A        | SDISHN.060AUS       | G05167       | P0060490SD  | Yes            |
| B57 | 11/541,048                         | 9/29/2006        | N/A             | N/A        | SDISHN.061AUS       | G05169       | P0060492SD  | Yes            |
| B58 | 11/540,021                         | 9/29/2006        | N/A             | N/A        | SDISHN.062AUS       | G05032       | P0060183SD  | Yes            |
| B59 | 11/540,024                         | 9/29/2006        | N/A             | N/A        | SDISHN.063AUS       | G05105       | P0060240SD  | Yes            |
| B60 | 11/529,995                         | 9/29/2006        | N/A             | N/A        | SDISHN.064AUS       | G05043       | P0060202SD  | Yes            |
| B61 | 11/529,989                         | 9/29/2006        | N/A             | N/A        | SDISHN.065AUS       | G05153       | P0060450SD  | Yes            |
| B62 | 11/540,157                         | 9/29/2006        | N/A             | N/A        | SDISHN.066AUS       | G05029       | P0060176SD  | Yes            |
| B63 | 11/540,149                         | 9/29/2006        | N/A             | N/A        | SDISHN.067AUS       | G05166       | P0060488SD  | Yes            |
| B64 | 11/540,066                         | 9/29/2006        | N/A             | N/A        | SDISHN.068AUS       | G05062       | P0060223SD  | Yes            |
| B65 | 11/540,382                         | 9/29/2006        | N/A             | N/A        | SDISHN.071AUS       | G05104       | P0060235SD  | Yes            |
| B66 | 11/540,004                         | 9/29/2006        | N/A             | N/A        | SDISHN.072AUS       | G05168       | P0060491SD  | Yes            |
| B67 | 11/595,217                         | 11/9/2006        | N/A             | N/A        | SDISHN.073AUS       | G05126       | P0060436SD  | Yes            |
| B68 | 11/591,942                         | 11/2/2006        | N/A             | N/A        | SDISHN.074AUS       | G04897       | P0060012SD  | Yes            |
| B69 | 11/591,918                         | 11/2/2006        | N/A             | N/A        | SDISHN.075AUS       | G04963       | P0060053SD  | Yes            |
| B70 | 11/640,697                         | 12/18/2006       | N/A             | N/A        | SDISHN.076AUS       | G05194       | P0060546SD  | Yes            |
| B71 | 11/638,215                         | 12/15/2006       | N/A             | N/A        | SDISHN.077AUS       | G05633       | P0060910SD  | Yes            |
| B72 | 11/638,198                         | 11/13/2006       | N/A             | N/A        | SDISHN.083AUS       | G05662       | P0060941SD  | Yes            |
| B73 | 11/592,855                         | 11/3/2006        | N/A             | N/A        | SDISHN.084AUS       | G05365       | P0060690SD  | Yes            |
| B74 | 11/633,398                         | 12/4/2006        | N/A             | N/A        | SDISHN.089AUS       | G05363       | P0060684SD  | Yes            |

# APPENDIX A

List of patent applications and patents assigned from Samsung SDI Co., Ltd. to Samsung Mobile Display Co., Ltd.

| No.  | U.S. Patent<br>Application<br>Serial No. | U.S. Filing<br>Date | U.S. Patent<br>No. | Issue Date | Attorney Docket<br>No. | SMD<br>Ref. No. | FA Ref. No.   | Sole ownership |
|------|------------------------------------------|---------------------|--------------------|------------|------------------------|-----------------|---------------|----------------|
| B75  | 11/640,581                               | 12/18/2006          | N/A                | N/A        | SDISHN.090AUS          | G05173          | P0060512SD    | Yes            |
| B76  | 11/633,392                               | 12/4/2006           | N/A                | N/A        | SDISHN.091AUS          | G05183          | P0060530SD    | Yes            |
| B77  | 11/638,792                               | 12/14/2006          | N/A                | N/A        | SDISHN.092AUS          | G05215          | P0060573SD    | Yes            |
| B78  | 11/636,862                               | 12/11/2006          | N/A                | N/A        | SDISHN.093AUS          | G05392          | P0060708SD    | Yes            |
| B79  | 11/640,709                               | 12/18/2006          | N/A                | N/A        | SDISHN.094AUS          | G05174          | P0060517SD    | Yes            |
| B80  | 11/641,359                               | 12/19/2006          | N/A                | N/A        | SDISHN.095AUS          | G05170          | P0060497SD    | Yes            |
| B81  | 11/644,593                               | 12/22/2006          | N/A                | N/A        | SDISHN.096AUS          | G05171          | P0060502SD    | Yes            |
| B82  | 11/701,821                               | 2/2/2007            | N/A                | N/A        | SDISHN.097AUS          | G05217          | P0060574SD    | Yes            |
| B83  | 11/670,330                               | 2/1/2007            | N/A                | N/A        | SDISHN.098AUS          | G05670          | P0060943SD    | Yes            |
| B84  | 11/714,607                               | 3/6/2007            | N/A                | N/A        | SDISHN.099AUS          | G05638          | P0060912SD    | Yes            |
| B85  | 11/670,351                               | 2/1/2007            | N/A                | N/A        | SDISHN.100AUS          | G05671          | P0060948SD    | Yes            |
| B86  | 11/670,356                               | 2/1/2007            | N/A                | N/A        | SDISHN.101AUS          | G05554          | P0060895SD    | Yes            |
| B87  | 11/605,908                               | 11/29/2006          | N/A                | N/A        | SDISHN.102AUS          | G05206          | P0060564SD    | Yes            |
| B88  | 11/707,598                               | 2/15/2007           | N/A                | N/A        | SDISHN.103AUS          | G05693          | P0060967SD    | Yes            |
| B89  | 11/743,600                               | 5/2/2007            | N/A                | N/A        | SDISHN.105AUS          | G06039          | P0061181SD    | Yes            |
| B90  | 11/708,963                               | 2/20/2007           | N/A                | N/A        | SDISHN.106AUS          | G06052          | P0061190SD    | Yes            |
| B91  | 11/844,950                               | 8/30/2007           | N/A                | N/A        | SDISHN.107AUS          | G05684          | P0060962SD    | Yes            |
| B92  | 11/699,609                               | 1/29/2007           | N/A                | N/A        | SDISHN.110AUS          | G06048          | P0061188SD    | Yes            |
| B93  | 11/724,854                               | 3/16/2007           | N/A                | N/A        | SDISHN.111AUS          | G06071          | P0061198SD    | Yes            |
| B94  | 11/901,090                               | 9/13/2007           | N/A                | N/A        | SDISHN.113AUS          | G06047          | P0061186SD    | Yes            |
| B95  | 12/126,767                               | 5/23/2008           | N/A                | N/A        | SDISHN.113C1           | G06047          | P0061186SD-CA | Yes            |
| B96  | 11/897,366                               | 9/18/2007           | N/A                | N/A        | SDISHN.114AUS          | G06093          | P0061223SD    | Yes            |
| B97  | 11/888,591                               | 7/31/2007           | N/A                | N/A        | SDISHN.115AUS          | G06094          | P0061225SD    | Yes            |
| B98  | 11/880,185                               | 7/19/2007           | N/A                | N/A        | SDISHN.117AUS          | G06253          | P0061482SD    | Yes            |
| B99  | 11/890,050                               | 8/3/2007            | N/A                | N/A        | SDISHN.118AUS          | G06054          | P0061193SD    | Yes            |
| B100 | 11/769,392                               | 6/27/2007           | N/A                | N/A        | SDISHN.119AUS          | G06322          | P0061507SD    | Yes            |
| B101 | 12/124,022                               | 5/20/2008           | N/A                | N/A        | SDISHN.123AUS          | G06549          | P0070265SD    | Yes            |
| B102 | 12/130,849                               | 5/30/2008           | N/A                | N/A        | SDISHN.124AUS          | G06550          | P0070266SD    | Yes            |
| B103 | 12/036,144                               | 2/22/2008           | N/A                | N/A        | SDISHN.126AUS          | G06504          | P0070252SD    | Yes            |
| B104 | 12/121,471                               | 5/15/2008           | N/A                | N/A        | SDISHN.127AUS          | G06647          | P0070355SD    | Yes            |
| B105 | 12/135,951                               | 6/10/2008           | N/A                | N/A        | SDISHN.128AUS          | G06761          | P0070453SD    | Yes            |

# APPENDIX A

List of patent applications and patents assigned from Samsung SDI Co., Ltd. to Samsung Mobile Display Co., Ltd.

| No.  | U.S. Patent Application Serial No. | U.S. Filing Date | U.S. Patent No. | Issue Date | Attorney Docket No. | SMD Ref. No. | FA Ref. No.     | Sole ownership                  |
|------|------------------------------------|------------------|-----------------|------------|---------------------|--------------|-----------------|---------------------------------|
| B106 | 12/004,283                         | 12/19/2007       | N/A             | N/A        | SDISHN.132AUS       | G06386       | Po070006SD      | Yes                             |
| B107 | 12/004,282                         | 12/19/2007       | N/A             | N/A        | SDISHN.133AUS       | G06387       | Po070007SD      | Yes                             |
| B108 | 12/220,561                         | 7/25/2008        | N/A             | N/A        | SDISHN.143AUS       | G06765       | Po070457SD      | Yes                             |
| B109 | 12/217,817                         | 7/8/2008         | N/A             | N/A        | SDISHN.145AUS       | G06684       | Po070414SD      | Yes                             |
| B110 | 12/080,956                         | 4/8/2008         | N/A             | N/A        | SDISHN.146AUS       | G06411       | Po070119SD      | No. Jointly owned with IUCF-HYU |
| B111 | 12/082,118                         | 4/8/2008         | N/A             | N/A        | SDISHN.147AUS       | G06418       | Po070126SD      | Yes                             |
| B112 | 12/082,147                         | 4/8/2008         | N/A             | N/A        | SDISHN.148AUS       | G06486       | Po070158SD      | No. Jointly owned with IUCF-HYU |
| B113 | 12/077,828                         | 3/21/2008        | N/A             | N/A        | SDISHN.149AUS       | G06485       | Po070157SD      | No. Jointly owned with IUCF-HYU |
| B114 | 12/217,310                         | 7/2/2008         | N/A             | N/A        | SDISHN.150AUS       | G06922       | Po070798SD      | Yes                             |
| B115 | 12/080,955                         | 4/8/2008         | N/A             | N/A        | SDISHN.151AUS       | G06487       | Po070159SD      | No. Jointly owned with IUCF-HYU |
| B116 | 12/215,454                         | 6/26/2008        | N/A             | N/A        | SDISHN.152AUS       | G06937       | Po070802SD      | Yes                             |
| B117 | 12/117,647                         | 5/8/2008         | N/A             | N/A        | SDISHN.153AUS       | G06614       | Po070335SD      | Yes                             |
| B118 | 12/220,556                         | 7/25/2008        | N/A             | N/A        | SDISHN.154AUS       | G06768       | Po070463SD      | Yes                             |
| B119 | 12/215,610                         | 6/27/2008        | N/A             | N/A        | SDISHN.156AUS       | G06629       | Po070342SD      | Yes                             |
| B120 | 12/135,920                         | 6/10/2008        | N/A             | N/A        | SDISHN.157AUS       | G06805       | Po070521SD      | Yes                             |
| B121 | 12/214,010                         | 6/16/2008        | N/A             | N/A        | SDISHN.159AUS       | G06794       | Po070517SD      | Yes                             |
| B122 | 12/214,350                         | 6/16/2008        | N/A             | N/A        | SDISHN.160AUS       | G06774       | Po070513SD      | Yes                             |
| B123 | 12/283,551                         | 9/11/2008        | N/A             | N/A        | SDISHN.163AUS       | G06911       | Po070763SD      | Yes                             |
| B124 | 12/217,720                         | 7/7/2008         | N/A             | N/A        | SDISHN.164AUS       | G06943       | Po070808SD      | Yes                             |
| B125 | 12/217,665                         | 7/7/2008         | N/A             | N/A        | SDISHN.169AUS       | G06948       | Po070810SD      | Yes                             |
| B126 | 12/228,994                         | 8/18/2008        | N/A             | N/A        | SDISHN.170AUS       | G07064       | Po071003SD      | Yes                             |
| C1   | 11/975,037                         | 10/16/2007       | N/A             | N/A        | SDISA.012AUS        | G06369       | OP-6369/1855-US | Yes                             |
| C2   | 11/716,805                         | 3/12/2007        | N/A             | N/A        | SDISA.010AUS        | G06370       | OP-6370/1856-US | Yes                             |
| C3   | 11/787,630                         | 4/17/2007        | N/A             | N/A        | SDISA.011AUS        | G06373       | OP-6373/1858-US | Yes                             |
| C4   | 12/005,699                         | 12/27/2007       | N/A             | N/A        | SDISA.017AUS        | G06384       | OP-6384/1863-US | Yes                             |
| C5   | 11/879,312                         | 7/16/2007        | N/A             | N/A        | SDISA.013AUS        | G06385       | OP-6385/1864-US | Yes                             |
| C6   | 11/986,864                         | 11/26/2007       | N/A             | N/A        | SDISA.016AUS        | G06548       | OP-6548/1901-US | Yes                             |
| C7   | 12/151,075                         | 5/2/2008         | N/A             | N/A        | SDISA.018AUS        | G06699       | OP-6699/1952-US | Yes                             |
| C8   | 12/229,395                         | 8/21/2008        | N/A             | N/A        | SDISA.023AUS        | G06846       | OP-6846/1992-US | Yes                             |

# APPENDIX A

List of patent applications and patents assigned from Samsung SDI Co., Ltd. to Samsung Mobile Display Co., Ltd.

| No. | U.S. Patent Application Serial No. | U.S. Filing Date | U.S. Patent No. | Issue Date | Attorney Docket No. | SMD Ref. No. | FA Ref. No. | Sole ownership |
|-----|------------------------------------|------------------|-----------------|------------|---------------------|--------------|-------------|----------------|
| D1  | 11/280,480                         | 11/15/2005       | 7,341,961       | 3/11/2008  | SDIYPL.041AUS       | G03474       | SD-23840-US | Yes            |
| D2  | 11/230,293                         | 9/19/2005        | 7,288,818       | 10/30/2007 | SDIYPL.017AUS       | G03481       | SD-23835-US | Yes            |
| D3  | 11/280,761                         | 11/15/2005       | 7,381,984       | 6/3/2008   | SDIYPL.058AUS       | G03959       | SD-24706-US | Yes            |
| D4  | 11/282,210                         | 11/18/2005       | 7,431,628       | 10/7/2008  | SDIYPL.063AUS       | G04903       | SD-26319-US | Yes            |
| D5  | 11/329,865                         | 1/9/2006         | N/A             | N/A        | SDIYPL.055AUS       | G03521       | SD-23849-US | Yes            |
| D6  | 11/181,706                         | 7/13/2005        | N/A             | N/A        | SDIYPL.024AUS       | G03688       | SD-24016-US | Yes            |
| D7  | 11/243,127                         | 10/4/2005        | N/A             | N/A        | SDIYPL.034AUS       | G03690       | SD-24043-US | Yes            |
| D8  | 11/714,622                         | 3/5/2007         | N/A             | N/A        | SDIYPL.162AUS       | E00016       | SD-27958-US | Yes            |
| D9  | 11/956,163                         | 12/13/2007       | N/A             | N/A        | SDIYPL.192AUS       | E00017       | SD-27959-US | Yes            |
| D10 | 11/249,284                         | 10/13/2005       | N/A             | N/A        | SDIYPL.018AUS       | G03480       | SD-23839-US | Yes            |
| D11 | 11/280,105                         | 11/15/2005       | N/A             | N/A        | SDIYPL.046AUS       | G03520       | SD-23838-US | Yes            |
| D12 | 11/298,211                         | 12/9/2005        | N/A             | N/A        | SDIYPL.042AUS       | G03522       | SD-23852-US | Yes            |
| D13 | 11/267,425                         | 11/4/2005        | N/A             | N/A        | SDIYPL.036AUS       | G03523       | SD-23837-US | Yes            |
| D14 | 11/167,436                         | 6/27/2005        | N/A             | N/A        | SDIYPL.008AUS       | G03578       | SD-24048-US | Yes            |
| D15 | 11/157,422                         | 6/21/2005        | N/A             | N/A        | SDIYPL.014AUS       | G03686       | SD-23993-US | Yes            |
| D16 | 11/373,802                         | 3/10/2006        | N/A             | N/A        | SDIYPL.052AUS       | G03758       | SD-24131-US | Yes            |
| D17 | 11/253,198                         | 10/18/2005       | N/A             | N/A        | SDIYPL.019AUS       | G03870       | SD-24530-US | Yes            |
| D18 | 11/357,004                         | 2/16/2006        | N/A             | N/A        | SDIYPL.043AUS       | G03958       | SD-24538-US | Yes            |
| D19 | 11/263,058                         | 10/31/2005       | N/A             | N/A        | SDIYPL.044AUS       | G03961       | SD-24705-US | Yes            |
| D20 | 11/267,740                         | 11/4/2005        | N/A             | N/A        | SDIYPL.050AUS       | G03962       | SD-24709-US | Yes            |
| D21 | 11/281,951                         | 11/16/2005       | N/A             | N/A        | SDIYPL.039AUS       | G04061       | SD-25052-US | Yes            |
| D22 | 11/280,682                         | 11/15/2005       | N/A             | N/A        | SDIYPL.040AUS       | G04062       | SD-25053-US | Yes            |
| D23 | 11/280,542                         | 11/15/2005       | N/A             | N/A        | SDIYPL.045AUS       | G04082       | SD-25057-US | Yes            |
| D24 | 11/281,826                         | 11/17/2005       | N/A             | N/A        | SDIYPL.074AUS       | G04174       | SD-25233-US | Yes            |
| D25 | 11/339,898                         | 1/25/2006        | N/A             | N/A        | SDIYPL.066AUS       | G04249       | SD-25542-US | Yes            |
| D26 | 11/289,076                         | 11/29/2005       | N/A             | N/A        | SDIYPL.082AUS       | G04257       | SD-25546-US | Yes            |
| D27 | 11/391,122                         | 3/9/2006         | N/A             | N/A        | SDIYPL.083AUS       | G04259       | SD-25547-US | Yes            |
| D28 | 11/372,903                         | 12/8/2005        | N/A             | N/A        | SDIYPL.064AUS       | G04309       | SD-25567-US | Yes            |
| D29 | 11/297,702                         | 12/19/2005       | N/A             | N/A        | SDIYPL.053AUS       | G04318       | SD-25571-US | Yes            |
| D30 | 11/305,919                         | 2/24/2006        | N/A             | N/A        |                     |              |             |                |
| D31 | 11/361,868                         |                  | N/A             | N/A        |                     |              |             |                |

# APPENDIX A

List of patent applications and patents assigned from Samsung SDI Co., Ltd. to Samsung Mobile Display Co., Ltd.

| No. | U.S. Patent<br>Application<br>Serial No. | U.S. Filing<br>Date | U.S. Patent<br>No. | Issue Date | Attorney Docket<br>No. | SMD<br>Ref. No. | F/A Ref. No. | Sole ownership |
|-----|------------------------------------------|---------------------|--------------------|------------|------------------------|-----------------|--------------|----------------|
| D32 | 11/327,708                               | 1/6/2006            | N/A                | N/A        | SDIPL.048AUS           | G04322          | SD-25735-US  | Yes            |
| D33 | 11/338,089                               | 1/24/2006           | N/A                | N/A        | SDIPL.057AUS           | G04323          | SD-25733-US  | Yes            |
| D34 | 11/361,481                               | 2/24/2006           | N/A                | N/A        | SDIPL.060AUS           | G04333          | SD-25738-US  | Yes            |
| D35 | 11/378,557                               | 3/16/2006           | N/A                | N/A        | SDIPL.054AUS           | G04334          | SD-25734-US  | Yes            |
| D36 | 11/378,011                               | 3/17/2006           | N/A                | N/A        | SDIPL.051AUS           | G04339          | SD-25737-US  | Yes            |
| D37 | 11/407,018                               | 4/19/2006           | N/A                | N/A        | SDIPL.037AUS           | G04383          | SD-25736-US  | Yes            |
| D38 | 11/493,129                               | 7/26/2006           | N/A                | N/A        | SDIPL.078AUS           | G04489          | SD-26005-US  | Yes            |
| D39 | 11/488,433                               | 7/17/2006           | N/A                | N/A        | SDIPL.079AUS           | G04491          | SD-26006-US  | Yes            |
| D40 | 11/430,365                               | 5/8/2006            | N/A                | N/A        | SDIPL.093AUS           | G04548          | SD-26201-US  | Yes            |
| D41 | 11/499,927                               | 8/7/2006            | N/A                | N/A        | SDIPL.109AUS           | G04656          | SD-26460-US  | Yes            |
| D42 | 11/485,796                               | 7/12/2006           | N/A                | N/A        | SDIPL.106AUS           | G04659          | SD-26462-US  | Yes            |
| D43 | 11/510,454                               | 8/25/2006           | N/A                | N/A        | SDIPL.102AUS           | G04672          | SD-26465-US  | Yes            |
| D44 | 11/732,767                               | 4/4/2007            | N/A                | N/A        | SDIPL.152AUS           | G04684          | SD-26471-US  | Yes            |
| D45 | 11/526,945                               | 9/25/2006           | N/A                | N/A        | SDIPL.103AUS           | G04690          | SD-26472-US  | Yes            |
| D46 | 11/514,779                               | 8/31/2006           | N/A                | N/A        | SDIPL.097AUS           | G04699          | SD-26474-US  | Yes            |
| D47 | 11/599,016                               | 11/13/2006          | N/A                | N/A        | SDIPL.131AUS           | G04748          | SD-26484-US  | Yes            |
| D48 | 11/646,948                               | 12/28/2006          | N/A                | N/A        | SDIPL.132AUS           | G04752          | SD-26485-US  | Yes            |
| D49 | 11/590,558                               | 10/31/2006          | N/A                | N/A        | SDIPL.119AUS           | G04902          | SD-27116-US  | Yes            |
| D50 | 11/528,022                               | 9/26/2006           | N/A                | N/A        | SDIPL.098AUS           | G04940          | SD-27131-US  | Yes            |
| D51 | 11/586,167                               | 10/24/2006          | N/A                | N/A        | SDIPL.112AUS           | G04973          | SD-27299-US  | Yes            |
| D52 | 11/595,261                               | 11/9/2006           | N/A                | N/A        | SDIPL.111AUS           | G05203          | SD-27961-US  | Yes            |
| D53 | 11/599,132                               | 11/13/2006          | N/A                | N/A        | SDIPL.133AUS           | G05207          | SD-27963-US  | Yes            |
| D54 | 11/655,590                               | 1/18/2007           | N/A                | N/A        | SDIPL.127AUS           | G05211          | SD-27964-US  | Yes            |
| D55 | 11/527,894                               | 9/26/2006           | N/A                | N/A        | SDIPL.110AUS           | G05260          | SD-27981-US  | Yes            |
| D56 | 11/637,997                               | 12/12/2006          | N/A                | N/A        | SDIPL.156AUS           | G05285          | SD-27986-US  | Yes            |
| D57 | 11/784,309                               | 4/6/2007            | N/A                | N/A        | SDIPL.153AUS           | G05601          | SD-28595-US  | Yes            |
| D58 | 11/742,436                               | 4/30/2007           | N/A                | N/A        | SDIPL.179AUS           | G05603          | SD-28597-US  | Yes            |
| D59 | 11/935,304                               | 11/5/2007           | N/A                | N/A        | SDIPL.197AUS           | G05608          | SD-28810-US  | Yes            |
| D60 | 11/605,811                               | 11/29/2006          | N/A                | N/A        | SDIPL.163AUS           | G06216          | SD-29394-US  | Yes            |
| D61 | 11/754,938                               | 5/29/2007           | N/A                | N/A        | SDIPL.169AUS           | G06269          | SD-29860-US  | Yes            |
| D62 | 11/742,078                               | 4/30/2007           | N/A                | N/A        |                        |                 |              | Yes            |

# APPENDIX A

List of patent applications and patents assigned from Samsung SDI Co., Ltd. to Samsung Mobile Display Co., Ltd.

| No. | U.S. Patent Application Serial No. | U.S. Filing Date | U.S. Patent No. | Issue Date | Attorney Docket No. | SMD Ref. No. | FA Ref. No.   | Sole ownership |
|-----|------------------------------------|------------------|-----------------|------------|---------------------|--------------|---------------|----------------|
| D63 | 11/780,936                         | 7/20/2007        | N/A             | N/A        | SDIYPL.185AUS       | G06289       | SD-29863-US   | Yes            |
| D64 | 11/738,587                         | 4/19/2007        | N/A             | N/A        | SDIYPL.167AUS       | G06316       | SD-29871-US   | Yes            |
| D65 | 12/228,727                         | 8/14/2008        | N/A             | N/A        | SDIYPL.210AUS       | G06977       | SD-31841-US   | Yes            |
| D66 | 12/185,279                         | 8/4/2008         | N/A             | N/A        | SDIYPL.207AUS       | G07075       | SD-32113-US   | Yes            |
| D67 | 12/220,655                         | 7/25/2008        | N/A             | N/A        | SDIYPL.205AUS       | G07123       | SD-32120-US   | Yes            |
| D68 | 61/061,010                         | 6/12/2008        | N/A             | N/A        | SDIYPL.211AUS       | G07385       | SD-32895-USPA | Yes            |
| E1  | 11/205,611                         | 8/17/2005        | N/A             | N/A        | SDIYOU.004AUS       | G03527       | OPP20043191US | Yes            |
| E2  | 11/801,324                         | 5/9/2007         | N/A             | N/A        | SDIYOU.062AUS       | G04315       | OPP20051858US | Yes            |
| E3  | 11/385,591                         | 3/21/2006        | 7,379,081       | 5/27/2008  | SDIYOU.013AUS       | G04347       | OPP20052055US | Yes            |
| E4  | 11/386,229                         | 3/21/2006        | N/A             | N/A        | SDIYOU.015AUS       | G04426       | OPP20052058US | Yes            |
| E5  | 11/605,745                         | 11/29/2006       | N/A             | N/A        | SDIYOU.036AUS       | G04917       | OPP20060096US | Yes            |
| E6  | 11/731,966                         | 4/2/2007         | N/A             | N/A        | SDIYOU.055AUS       | G05592       | OPP20061567US | Yes            |
| E7  | 11/699,787                         | 1/30/2007        | N/A             | N/A        | SDIYOU.058AUS       | G05595       | OPP20061576US | Yes            |
| E8  | 11/728,628                         | 3/26/2007        | N/A             | N/A        | SDIYOU.056AUS       | G05604       | OPP20061580US | Yes            |
| E9  | 11/650,379                         | 1/5/2007         | N/A             | N/A        | SDIYOU.057AUS       | G05605       | OPP20061681US | Yes            |
| E10 | 12/079,008                         | 3/24/2008        | N/A             | N/A        | SDIYOU.094AUS       | G06275       | OPP20062585US | Yes            |
| E11 | 12/021,983                         | 1/29/2008        | N/A             | N/A        | SDIYOU.089AUS       | G06335       | OPP20070286US | Yes            |
| E12 | 11/811,721                         | 6/11/2007        | N/A             | N/A        | SDIYOU.081AUS       | G06498       | OPP20070299US | Yes            |
| E13 | 11/837,304                         | 8/10/2007        | N/A             | N/A        | SDIYOU.082AUS       | G06519       | OPP20071511US | Yes            |
| E14 | 12/196,445                         | 8/22/2008        | N/A             | N/A        | SDIYOU.106AUS       | G07033       | OPP20082009US | Yes            |
| E15 | 61/083,866                         | 7/25/2008        | N/A             | N/A        | SDIYOU.119PRF       | G07455       | OPP20082004US | Yes            |
| E16 | 61/083,863                         | 7/25/2008        | N/A             | N/A        | SDIYOU.118PRF       | G07459       | OPP20082267US | Yes            |
| E17 | 61/090,158                         | 8/19/2008        | N/A             | N/A        | SDIYOU.120PRF       | G07564       |               | Yes            |

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## ASSIGNMENT

WHEREAS, Samsung SDI Co., Ltd., a corporation with its principal place of business at 575 Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (hereinafter "ASSIGNOR"), represents that it is the sole or joint owner of the entire right, title, and interest to certain new and useful improvements for which ASSIGNOR has obtained issued Letters Patents and/or has filed applications for Letters Patents in the United States (hereinafter "the Patents and Patent Applications") identified in the list attached hereto as APPENDIX A (in 9 pages);

WHEREAS, Samsung Mobile Display Co., Ltd., a corporation with its principal place of business at 575 Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (hereinafter "ASSIGNEE") desires to acquire the entire or joint right, title, and interest in and to said improvements and said Patents and Patent Applications;

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that, with an effective date of SEPTEMBER 5, 2008, ASSIGNOR has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, the entire or joint right, title, and interest throughout the world in, to, and under the said improvements, the said Patents and Patent Applications, all Patents that may be granted thereon, all provisional applications relating thereto, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may have been or hereafter be filed for said improvements or for the said Patents and Patent Applications in any country or countries foreign to the United States; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for said improvements and all Letters Patents resulting from the Patents and Patent Applications to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the Letters Patents before or after issuance;

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patents and Patent Applications immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patents and Patent Applications, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patents and Patent Applications in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9th day of  
DECEMBER, 20 08.

Samsung SDI Co., Ltd.

By: B. S. Han

Name Printed: **Byung-su Han**

Title: **General Manager**

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