

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5131713

|                                   |                           |                       |
|-----------------------------------|---------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>           | NEW ASSIGNMENT            |                       |
| <b>NATURE OF CONVEYANCE:</b>      | ASSIGNMENT                |                       |
| <b>CONVEYING PARTY DATA</b>       |                           |                       |
| <b>Name</b>                       |                           | <b>Execution Date</b> |
| LG ELECTRONICS, INC.              |                           | 05/31/2018            |
| <b>RECEIVING PARTY DATA</b>       |                           |                       |
| <b>Name:</b>                      | SISVEL INTERNATIONAL S.A. |                       |
| <b>Street Address:</b>            | 6 AVENUE MARIE THERESE    |                       |
| <b>City:</b>                      | LUXEMBOURG                |                       |
| <b>State/Country:</b>             | LUXEMBOURG                |                       |
| <b>Postal Code:</b>               | 2132                      |                       |
| <b>PROPERTY NUMBERS Total: 36</b> |                           |                       |
| <b>Property Type</b>              | <b>Number</b>             |                       |
| Patent Number:                    | 6408175                   |                       |
| Patent Number:                    | 6469993                   |                       |
| Patent Number:                    | 6614778                   |                       |
| Patent Number:                    | 6738559                   |                       |
| Patent Number:                    | 6791963                   |                       |
| Patent Number:                    | 6839553                   |                       |
| Patent Number:                    | 7123628                   |                       |
| Patent Number:                    | 7245595                   |                       |
| Patent Number:                    | 7299062                   |                       |
| Patent Number:                    | 7308278                   |                       |
| Patent Number:                    | 7392460                   |                       |
| Patent Number:                    | 7536193                   |                       |
| Patent Number:                    | 7545807                   |                       |
| Patent Number:                    | 7616592                   |                       |
| Patent Number:                    | 7623887                   |                       |
| Patent Number:                    | 7653025                   |                       |
| Patent Number:                    | 7706347                   |                       |
| Patent Number:                    | 7792149                   |                       |
| Patent Number:                    | 7869758                   |                       |
| Patent Number:                    | 7907553                   |                       |

PATENT

| Property Type  | Number  |
|----------------|---------|
| Patent Number: | 7907554 |
| Patent Number: | 7995613 |
| Patent Number: | 8010039 |
| Patent Number: | 8045583 |
| Patent Number: | 8064941 |
| Patent Number: | 8179893 |
| Patent Number: | 8204059 |
| Patent Number: | 8351966 |
| Patent Number: | 8380232 |
| Patent Number: | 8401011 |
| Patent Number: | 8767635 |
| Patent Number: | 9019966 |
| Patent Number: | RE41389 |
| Patent Number: | RE41407 |
| Patent Number: | RE42348 |
| Patent Number: | RE42369 |

#### CORRESPONDENCE DATA

**Fax Number:**

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Email:** hcohen@wwipps.com

**Correspondent Name:** WWIPPS SÀRL

**Address Line 1:** 13 AVENUE F. CLEMENT

**Address Line 4:** MONDORF-LES-BAINS, LUXEMBOURG 5612

|                                |                                                            |
|--------------------------------|------------------------------------------------------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | R1449US00-2                                                |
| <b>NAME OF SUBMITTER:</b>      | HOWARD COHEN                                               |
| <b>SIGNATURE:</b>              | /Howard Cohen/                                             |
| <b>DATE SIGNED:</b>            | 09/10/2018                                                 |
|                                | This document serves as an Oath/Declaration (37 CFR 1.63). |

#### Total Attachments: 5

source=US R1449US00-2 assignment deed signed#page1.tif

source=US R1449US00-2 assignment deed signed#page2.tif

source=US R1449US00-2 assignment deed signed#page3.tif

source=US R1449US00-2 assignment deed signed#page4.tif

source=US R1449US00-2 assignment deed signed#page5.tif

PATENT ASSIGNMENT AND ROYALTY PARTICIPANT AGREEMENT  
BETWEEN SISVEL AND LGE

Annex 2

Deed of Assignment

This DEED OF ASSIGNMENT is made the ~~30<sup>th</sup>~~ day of April, 2018

BETWEEN

LG Electronics, Inc., a Korean corporation having its principal place of business at LG Twin Towers, 128 Yeouido-daero, Yeongdeungpo-gu, Seoul, Republic of South Korea ("Assignor") on the one part,

and

Sisvel International S.A., having its registered office at 6, Avenue Marie Thérèse, 2132 Luxembourg, Grand Duchy of Luxembourg ("Assignee") on the other part.

This Deed of Assignment is to confirm the following:

Assignor is the registered owner of the LGE Assigned Patents as listed in the Annex ("LGE Assigned Patents");

In exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has, effective as of May 31, 2018, assigned to Assignee all right, title and interest in and to the LGE Assigned Patents, including the right to sue for past infringements and damages, subject to:

- (i) Assignor and its Affiliates retaining a world-wide, fully paid up, non-exclusive, unrestricted and irrevocable (irrevocable only as to Assignor and its Affiliates) license under the LGE Assigned Patents for the lifetime of the LGE Assigned Patents, to use the LGE Assigned Patents for and in any and all activities and applications that it or its Affiliates see fit, including, without limitation, the right to manufacture, use, import, offer to sell, sell or otherwise dispose of any product (including software), process or service including the right to have any such product, process or service made for it and/or its Affiliates or sold or otherwise disposed of for it or its Affiliates by third parties; and
- (ii) all prior commitments and prior undertakings vis-à-vis third parties entered into by Assignor or its Affiliates;

and Assignee has accepted said assignment.

When used in this Deed of Assignment, "Affiliate" shall mean any legal entity (i) owned or controlled by Assignor (ii) owning or controlling Assignor, or (iii) owned or controlled by the entity owning or controlling Assignor, at May 31, 2018, or at any time thereafter. For the purpose of this definition, an entity shall be deemed to own or control another entity if more than 50% (fifty per cent) of the stock of the latter entity, ordinarily entitled to vote in the election of directors (or, if there is no such stock, more than 50% (fifty per cent) of the ownership of or control in the latter entity) is directly or indirectly held by the owning or controlling entity.

Confidential

15

PATENT ASSIGNMENT AND ROYALTY PARTICIPANT AGREEMENT  
BETWEEN SISVEL AND LGE

Assignor hereby grants full power of attorney to Assignee to submit this Deed of Assignment, including the Annex, to the patent authorities of the countries in which the LGE Assigned Patents are registered or in a pending application process, and to request those authorities to record the assignment of the legal title to the LGE Assigned Patents from Assignor to Assignee in the appropriate registers provided that, where possible, the retained license to Assignor and its Affiliates shall be simultaneously recorded in those registers.

EXECUTED for and on behalf of:

LG Electronics Inc.

Sisvel International S.A.

  
Name: SAENG GYU JEON  
Title: EXECUTIVE VICE PRESIDENT

  
  
Name: Mattia Fogliacco  
Title: CEO

# Annex

## Assigned Patents

| FAM. | APPL DATE  | APPL NO         | REG DATE   | REG NO     | STATE          | STATUS  |
|------|------------|-----------------|------------|------------|----------------|---------|
| 1    | 29/09/1999 | 99119365.7      | 02/02/2005 | 0991208    | Finland        | Granted |
| 1    | 29/09/1999 | 99119365.7      | 02/02/2005 | 0991208    | France         | Granted |
| 1    | 29/09/1999 | 99119365.7      | 02/02/2005 | 0991208    | Germany        | Granted |
| 1    | 29/09/1999 | 99119365.7      | 02/02/2005 | 0991208    | Italy          | Granted |
| 1    | 29/09/1999 | 99119365.7      | 02/02/2005 | 0991208    | Netherlands    | Granted |
| 1    | 29/09/1999 | 99119365.7      | 02/02/2005 | 0991208    | Sweden         | Granted |
| 1    | 29/09/1999 | 99119365.7      | 02/02/2005 | 0991208    | United Kingdom | Granted |
| 1    | 01/10/1998 | 10-1998-0041483 | 28/08/2006 | 100619598  | South Korea    | Granted |
| 1    | 01/10/1998 | 1020060038670   | 01/09/2006 | 100622108  | South Korea    | Granted |
| 1    | 01/10/1998 | 1020060054491   | 25/10/2006 | 100640938  | South Korea    | Granted |
| 1    | 29/09/1999 | 04030828.0      | 11/01/2012 | 1538763    | France         | Granted |
| 1    | 29/09/1999 | 04030828.0      | 11/01/2012 | 1538763    | Germany        | Granted |
| 1    | 29/09/1999 | 04030828.0      | 11/01/2012 | 1538763    | Italy          | Granted |
| 1    | 29/09/1999 | 04030828.0      | 11/01/2012 | 1538763    | Netherlands    | Granted |
| 1    | 29/09/1999 | 04030828.0      | 11/01/2012 | 1538763    | Spain          | Granted |
| 1    | 29/09/1999 | 04030828.0      | 11/01/2012 | 1538763    | Sweden         | Granted |
| 1    | 29/09/1999 | 08016301.7      | 14/08/2013 | 2017979    | Finland        | Granted |
| 1    | 29/09/1999 | 08016301.7      | 14/08/2013 | 2017979    | France         | Granted |
| 1    | 29/09/1999 | 08016301.7      | 14/08/2013 | 2017979    | Germany        | Granted |
| 1    | 29/09/1999 | 08016301.7      | 14/08/2013 | 2017979    | Italy          | Granted |
| 1    | 29/09/1999 | 08016301.7      | 14/08/2013 | 2017979    | Netherlands    | Granted |
| 1    | 29/09/1999 | 08016301.7      | 14/08/2013 | 2017979    | Spain          | Granted |
| 1    | 29/09/1999 | 08016301.7      | 14/08/2013 | 2017979    | Sweden         | Granted |
| 1    | 29/09/1999 | 08016301.7      | 14/08/2013 | 2017979    | United Kingdom | Granted |
| 1    | 29/09/1999 | 08016302.5      | 14/08/2013 | 2023510    | Germany        | Granted |
| 1    | 29/09/1999 | 08016302.5      | 14/08/2013 | 2023510    | United Kingdom | Granted |
| 1    | 30/09/1999 | 09/409,698      | 14/09/2004 | 6,791,963  | United States  | Granted |
| 1    | 30/09/1999 | 10/914,074      | 09/06/2009 | 7,545,807  | United States  | Granted |
| 1    | 30/09/1999 | 11/298,198      | 07/09/2010 | 7,792,149  | United States  | Granted |
| 1    | 30/09/1999 | 11/563,645      | 15/05/2012 | 8,179,893  | United States  | Granted |
| 1    | 30/09/1999 | 11/563,641      | 19/06/2012 | 8,204,059  | United States  | Granted |
| 1    | 30/09/1999 | 12/846,772      | 19/03/2013 | 8,401,011  | United States  | Granted |
| 1    | 30/09/1999 | 13/762,260      | 28/04/2015 | 9,019,966  | United States  | Granted |
| 3    | 03/04/2004 | 2004801655.5    | 16/06/2010 | 1082147    | Hong Kong      | Granted |
| 3    | 03/04/2003 | 1020030021143   | 06/03/2006 | 100559979  | South Korea    | Granted |
| 3    | 03/04/2004 | 04725636.7      | 04/03/2015 | 1609330    | France         | Granted |
| 3    | 03/04/2004 | 04725636.7      | 04/03/2015 | 1609330    | Germany        | Granted |
| 3    | 03/04/2004 | 04725636.7      | 04/03/2015 | 1609330    | United Kingdom | Granted |
| 3    | 03/04/2004 | 20051560.1      | 25/01/2008 | 19344      | Kazakhstan     | Granted |
| 3    | 03/04/2004 | 2004225409      | 11/05/2007 | 2004225409 | Australia      | Granted |

| FAM. | APPL DATE  | APPL NO          | REG DATE   | REG NO           | STATE              | STATUS  |
|------|------------|------------------|------------|------------------|--------------------|---------|
| 3    | 03/04/2004 | 20050003478      | 27/12/2006 | 20050003478      | South Africa       | Granted |
| 3    | 03/04/2004 | 850/KOLNP/2005   | 30/07/2008 | 222234           | India              | Granted |
| 3    | 03/04/2004 | 20050123507      | 20/02/2009 | 2347327          | Russian Federation | Granted |
| 3    | 03/04/2004 | PA/A/2005/006107 | 07/12/2007 | 252323           | Mexico             | Granted |
| 3    | 03/04/2004 | 2005-518775      | 03/10/2008 | 4195035          | Japan              | Granted |
| 3    | 03/04/2004 | 2008-208282      | 13/05/2011 | 4741040          | Japan              | Granted |
| 3    | 02/04/2004 | 10/817,493       | 20/11/2007 | 7,299,062        | United States      | Granted |
| 3    | 02/04/2004 | 11/841,599       | 19/05/2009 | 7,536,193        | United States      | Granted |
| 3    | 02/04/2004 | 12/645,381       | 22/11/2011 | 8,064,941        | United States      | Granted |
| 3    | 02/04/2004 | 12/433,810       | 08/01/2013 | 8,351,966        | United States      | Granted |
| 3    | 03/04/2004 | 20050009016      | 10/01/2008 | 81467            | Ukraine            | Granted |
| 3    | 03/04/2004 | W00200501619     | 03/06/2009 | IDP000023530     | Indonesia          | Granted |
| 3    | 03/04/2004 | PI0409071-3      | 14/02/2018 | PI0409071-3      | Brazil             | Granted |
| 3    | 03/04/2004 | 200480001655.5   | 16/06/2010 | ZL200480001655.5 | China              | Granted |
| 3    | 03/04/2004 | 200810178204.9   | 01/02/2012 | ZL200810178204.9 | China              | Granted |
| 3    | 03/04/2004 | 200910225006.8   | 12/09/2012 | ZL200910225006.8 | China              | Granted |
| 4    | 21/01/1999 | 09/234,518       | 17/10/2006 | 7,123,628        | United States      | Granted |
| 4    | 21/01/1999 | 11/849,030       | 09/08/2011 | 7,995,613        | United States      | Granted |
| 4    | 21/01/1999 | 11/849,056       | 25/10/2011 | 8,045,583        | United States      | Granted |
| 5    | 29/06/2000 | 09/606,004       | 18/05/2004 | 6,738,559        | United States      | Granted |
| 5    | 29/06/2000 | 11/432,789       | 22/06/2010 | RE41,389         | United States      | Granted |
| 5    | 29/06/2000 | 11/432,790       | 29/06/2010 | RE41,407         | United States      | Granted |
| 5    | 29/06/2000 | 12/690,105       | 10/05/2011 | RE42,348         | United States      | Granted |
| 5    | 29/06/2000 | 12/690,107       | 17/05/2011 | RE42,369         | United States      | Granted |
| 6    | 31/12/1998 | 09/223,734       | 22/10/2002 | 6,469,993        | United States      | Granted |
| 7    | 18/05/2002 | 1020020027639    | 22/09/2008 | 100860581        | South Korea        | Granted |
| 7    | 15/05/2003 | 03725831.6       | 12/10/2016 | 1506638          | Germany            | Granted |
| 7    | 15/05/2003 | 03725831.6       | 12/10/2016 | 1506638          | United Kingdom     | Granted |
| 7    | 15/05/2003 | 1659/KOLNP/2004  | 03/12/2008 | 225958           | India              | Granted |
| 7    | 15/05/2003 | 20040136578      | 10/11/2006 | 2287224          | Russian Federation | Granted |
| 7    | 15/05/2003 | PA/A/2004/11418  | 17/12/2007 | 252703           | Mexico             | Granted |
| 7    | 15/05/2003 | 10/439,318       | 11/12/2007 | 7,308,278        | United States      | Granted |
| 7    | 15/05/2003 | 11/927,015       | 24/11/2009 | 7,623,887        | United States      | Granted |
| 7    | 15/05/2003 | 12/337,351       | 11/01/2011 | 7,869,758        | United States      | Granted |
| 7    | 15/05/2003 | 12/337,372       | 30/08/2011 | 8,010,039        | United States      | Granted |
| 7    | 15/05/2003 | 12/337,230       | 19/02/2013 | 8,380,232        | United States      | Granted |
| 7    | 15/05/2003 | 03811329.5       | 08/12/2010 | ZL2003811329.5   | China              | Granted |
| 7    | 15/05/2003 | 200910225016.1   | 26/12/2012 | ZL200910225016.1 | China              | Granted |
| 8    | 30/03/1999 | 09/280,849       | 02/09/2003 | 6,614,778        | United States      | Granted |

| FAM. | APPL_DATE  | APPL_NO          | REG_DATE   | REG_NO           | STATE              | STATUS    |
|------|------------|------------------|------------|------------------|--------------------|-----------|
| 8    | 30/03/1999 | 10/641,302       | 10/11/2009 | 7,616,592        | United States      | Granted   |
| 8    | 30/03/1999 | 12/568,607       | 15/03/2011 | 7,907,553        | United States      | Granted   |
| 8    | 30/03/1999 | 12/568,618       | 15/03/2011 | 7,907,554        | United States      | Granted   |
| 9    | 10/07/2001 | 1020010041362    | 19/06/2008 | 100841296        | South Korea        | Granted   |
| 9    | 10/07/2001 | 1020070127553    | 19/06/2008 | 100841325        | South Korea        | Granted   |
| 9    | 10/07/2001 | 1020070127554    | 19/06/2008 | 100841326        | South Korea        | Granted   |
| 9    | 10/07/2001 | 1020070018562    | 19/06/2008 | 100841328        | South Korea        | Granted   |
| 9    | 08/07/2002 | 10/189,629       | 17/07/2007 | 7,245,595        | United States      | Granted   |
| 9    | 08/07/2002 | 11/808,993       | 26/01/2010 | 7,653,025        | United States      | Granted   |
| 9    | 08/07/2002 | 12/631,973       | 01/07/2014 | 8,767,635        | United States      | Granted   |
| 9    | 10/07/2002 | 02126162.8       | 05/07/2006 | ZL02126162.8     | China              | Granted   |
| 10   | 03/03/1999 | 1019990006891    | 12/11/2001 | 100315641        | South Korea        | Granted   |
| 10   | 09/11/1999 | 09/436,726       | 18/06/2002 | 6,408,175        | United States      | Granted   |
| 10   | 09/11/1999 | 10/102,969       | 04/01/2005 | 6,839,553        | United States      | Granted   |
| 10   | 03/12/1999 | 1999125575       | 21/07/2004 | ZL99125575.5     | China              | Granted   |
| 11   | 15/05/2003 | 1020030031026    | 06/12/2010 | 101000388        | South Korea        | Granted   |
| 11   | 14/05/2004 | 2004240053       | 21/01/2010 | 2004240053       | Australia          | Granted   |
| 11   | 14/05/2004 | 20050139127      | 10/04/2009 | 2352073          | Russian Federation | Granted   |
| 11   | 14/05/2004 | PA/A/2005/012290 | 14/10/2009 | 263860           | Mexico             | Granted   |
| 11   | 14/05/2004 | 2006-532043      | 24/09/2010 | 4594937          | Japan              | Granted   |
| 11   | 14/05/2004 | 10/845,086       | 24/06/2008 | 7,392,460        | United States      | Granted   |
| 11   | 09/11/2004 | 10/985,782       | 27/04/2010 | 7,706,347        | United States      | Granted   |
| 11   | 14/05/2004 | 2004813215.1     | 18/08/2010 | ZL200480013215.1 | China              | Granted   |
| 11   | 10/11/2004 | 2004833050.4     | 01/09/2010 | ZL200480033050.4 | China              | Granted   |
| 11   | 14/05/2004 | 5237/DELNP/2005  |            |                  | India              | Published |