

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5434593

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	KONINKLIJKE PHILIPS N.V.	04/28/2017
RECEIVING PARTY DATA		
Name:	LUMILEDS LLC	
Street Address:	370 W. TRIMBLE RD.	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95131	
PROPERTY NUMBERS Total: 3		
Property Type	Number	
Application Number:	15747076	
Application Number:	15556237	
Application Number:	61612427	
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Email:	dkerner@vklaw.com	
Correspondent Name:	VOLPE AND KOENIG, P.C.	
Address Line 1:	30 SOUTH 17TH STREET	
Address Line 2:	SUITE 1800	
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103	
ATTORNEY DOCKET NUMBER:	LUMI-1A	
NAME OF SUBMITTER:	DAWN C. KERNER	
SIGNATURE:	/Dawn C. Kerner/	
DATE SIGNED:	03/21/2019	
Total Attachments: 53		
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DEED OF ASSIGNMENT

This Deed of Assignment made the 28 day of APRIL Two Thousand Seventeen

BETWEEN:

- (1) Koninklijke Philips N.V., a public limited liability company incorporated in the Netherlands, with corporate seat in Eindhoven, the Netherlands and registered address at High Tech Campus 5, 5656 AE Eindhoven, the Netherlands, ("Royal Philips"), also acting on behalf of Royal Philips' Affiliates
- and
- (2) Lumileds LLC a limited liability company incorporated in the USA, with corporate seat at ~~DELAWARE~~ and registered address at 370 West Trimble Road, San Jose, California 95131, USA (the company)

HAVE AGREED AS FOLLOWS:**1 DEFINITIONS**

When used in this Deed, the following capitalised terms shall have the meaning set forth below:

"Affiliate" means with respect to any Person, another Person directly or indirectly Controlling, being Controlled by, or being under common Control with the first Person from the date on which, or at any time during the period for which, the determination of affiliation is being made (i.e. whether now or in the future), provided that for purposes of this Deed the Company and any of its Subsidiaries shall be deemed not to be an Affiliate of Royal Philips or any of its Affiliates and vice versa;

"Annex" means the annex to this Deed;

"Control" of a Person means, (i) with respect to a corporate Person, direct or indirect ownership of more than 50% of the outstanding voting securities of such corporate person or the ability to appoint more than half of the directors of the board of directors or equivalent governing body of such person or the ability to direct or cause the direction of the management and policies of such person,

(ii) with respect to a non-corporate Person, the comparable voting interest or financial participation (as set forth in (i) above) for such non-corporate Person, or (iii) the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a Person. The terms "Controls", "Controlling" and "Controlled" shall have corresponding meanings;

"Deed" means this deed of transfer of Patents including the Annex

"Governmental Authority" means, to the extent it has jurisdiction in respect of the relevant matter, any judicial, legislative, executive, regulatory or competition authority or any other governmental authority, of any jurisdiction, including of the European Union;

"Party" means Royal Philips or the Company and "Parties" means Royal Philips and the Company together;

"Patents" means any patents, petty patents, utility models and applications therefor, and the right to file patent applications, including any divisionals, amendments, substitutions, continuations, continuations-in-part, provisionals and any patent issuing on any of the foregoing, re-examinations, renewals, re-issues and extensions of any of the foregoing, existing in any country in the world;

"Person" means an individual, a company or corporation, a partnership, a limited liability company, a trust, an association, a foundation or other legal entity or unincorporated organisation, including a Governmental Authority;

"Pro Forma Assignment" means a simple form of assignment containing solely the language required by the applicable law of an issuing jurisdiction to effectuate recordal of the assignment of the Patents as per this Deed; and

"Subsidiary" means, with respect to any Person, another Person, directly or indirectly Controlled by the first Person, whether now or in the future, provided that for purposes of this Deed, the Company and any of its Subsidiaries shall be deemed not to be a Subsidiary of Royal Philips or any of its Affiliates and vice versa.

2 TRANSFER OF OWNERSHIP OF PATENTS

In consideration of a sum of € 1.00 (one Euro), the receipt and sufficiency of which is hereby acknowledged and effective as of the date first written above, Royal Philips has assigned and agreed to transfer, and has caused its relevant Affiliates to assign and transfer, and Royal Philips hereby assigns and will cause its relevant Affiliates to assign and transfer to the Company all of Royal Philips' and, as applicable, its Affiliates' rights, title and interest in and to the Patents listed in the Annex, including all rights (a) in and to causes of action and enforcement rights for such Patents to pursue damages, injunctive relief and other remedies for past, present and future infringement of such Patents; and (b) all rights to apply in any and all countries in the world for Patents for any inventions disclosed in the Patents listed in the Annex. The Company has accepted, and hereby accepts, such assignment and Philips and its Affiliates have retained (or been granted) an irrevocable, perpetual, world-wide, royalty-free, fully paid-up license under such Patents.

3 AMENDMENTS

No variation, extension, cancellation or translation of any expressed terms of this Deed shall be binding upon Royal Philips or the Company unless made in

writing and signed by a duly authorised representative each of Royal Philips and the Company.

4 EFFECTUATION

The Company will be responsible for effectuating the recordal of the assignment and transfer of the Patents listed in the Annex. In the event that, in addition to this Deed, the Company needs to submit other documents to any patent authorities in order to effectuate the recordal of the assignment and transfer of the Patents listed in the Annex, the Company hereby warrants and guarantees that such other documents will not contain language that in any way prejudices the provisions of this Deed. The Parties shall, at each other's request, (and shall cause their relevant Affiliates to) execute and deliver such written instruments and otherwise do whatever may from time to time reasonably be necessary to fully effectuate the recordal of the assignment and transfer of the Patents listed in the Annex. The Parties may also agree in good faith, for purposes of recordal of the assignment of the Patents as per this Deed, to execute *Pro Forma* Assignments or adjust this Deed provided that the Company hereby warrants and guarantees that such other documents will not contain language that in any way prejudices the provisions of this Deed.

5 OBSERVANCE OF LEGAL REQUIREMENTS

The Company undertakes to observe, and act in accordance with, all applicable legal requirements relating to the effectuation of the recordal of the assignment and transfer of the Patents listed in the Annex.

6 COSTS FOR REFERRAL

Any costs related to the recordal of the assignment and transfer of the Patents listed in the Annex in the relevant registers will be borne by the Company.

7 APPLICABLE LAW AND JURISDICTION

This Deed and the documents to be entered into pursuant to it, save as expressly otherwise provided therein, shall be governed by and construed in accordance with the laws of the Netherlands, provided that to the extent that any provisions of the law of the issuing jurisdiction are mandatory for assignment of Patents, such specific provisions of that law shall prevail.

The Parties shall attempt in good faith to resolve promptly any dispute arising out of or relating to this Deed by negotiation between a duly authorised representative of each Party, including disputes concerning the existence, validity and termination of this Deed, within forty-five (45) business days of the matter being referred to them, following and upon the written request of either of the Parties.

If the Parties are unable to resolve any such dispute as provided above, any such dispute arising out of or relating to this Deed shall be submitted to the Court of The Hague, the Netherlands.

IN EVIDENCE WHEREOF, the Parties have caused this Deed to be signed by their duly authorised representatives the day and year first written above.

Koninklijke Philips N.V.



Name: Poul de Haan

Title: Authorized Representative

Lumileds LLC



Name: : Keaton Parekh

Title: Authorized Representative

Name:

Title:

ANNEX

Country code	Filing date	Grant date	Application number	Grant number	Inventor / Name	Verified owner
US	11-May-05		14/749703		van Veen, Co; Biglari, MOHAMMAD HOSSAIN	<i>Koninklijke Philips Electronics N.V.</i>
US	22-Mar-96	14-Jul-98	08/620518	5779924	Krames, Michael R.; Kish, Fred	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	19-Feb-98	18-Jul-00	09/026465	6091085	Lester, Steven	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	27-Aug-98	22-Jun-99	09/141389	5914501	Damen, Daan	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	05-Nov-98	14-Aug-01	09/187547	6274924	Carey, Julian; Iii, William	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	20-Nov-98	23-Oct-01	09/196928	6307218	Steigerwald, Daniel; Alexander; Kish, Fred; Thomas, Kyle; Martin, Paul; Fletcher, Robert; Rudaz, Serge; Maranowski, Steven; Lester, Steven	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	15-Dec-98	27-Feb-01	09/212150	6194743	Kondoh, You; Watanabe, Satoshi; Kaneko, Yawara; Nakagawa, Shigeru; Yamada, Norihide	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.

US	08-Jun-99	17-Oct-00	09/328870	6133589	Krames, Michael R.; Martin, Paul; Tan, Tun-Sein	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	27-Apr-00	11-Jun-02	09/561614	6404129	Hendricx, Joop; Muller, Hubertus Joseph; Weerdesteijn, P.; Walravens, Arnoldus Johanna	Koninklijke Philips Electronics N.V.
US	30-May-00	25-Jun-02	09/583029	6409372	Peters, Ralph Hubert; VAN Dulmen, Hendrikus Albertus Maria; Manders, Wilhelmus Johannes Maria	Koninklijke Philips Electronics N.V.
US	07-Sep-00	16-Nov-04	09/656987	6819049	Bohmer, Marcel; Keursten, THEODORA ANTONIA PETRA MARIA; Neilen-Ten Wolde, Paulina Maria Christina; Snijkers-Hendrickx, Ingrid; Broersma, Remy	Koninklijke Philips Electronics N.V.
US	26-Sep-00	27-Aug-02	09/670130	6439739	Sischka, Ingolf	Koninklijke Philips Electronics N.V.
US	27-Sep-00	27-May-03	09/671127	6570302	Boonekamp, Erik; van Rijswijk, Mathias Hubertus Johannes; van Sprang, Hans; Hebbinghaus, Gerhard	Koninklijke Philips Electronics N.V.
US	29-Mar-01	15-Apr-03	09/823824	6547249	Collins, William David; Bhat, Jerome Chandra; Steigerwald, Daniel Alexander	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.

US	18-May-01	28-Sep-04	09/860310	6798138	Gervelmeyer, Rolf; Schloemer, Heinz; Schaefer, Ralf; Wings, Leo; Brueckmann, Franz-Josef	Koninklijke Philips Electronics N.V.
US	13-Jun-01	28-Oct-03	09/880208	6639342	Boonekamp, Erik; Peek, John; Doetter, Wolfgang	Koninklijke Philips Electronics N.V.
US	16-Oct-01	10-Apr-07	09/978995	7202598	Juestel, Thomas; Ronda, Cees; Mayr, Walter; Schmidt, Peter; Weiler, Volker	Koninklijke Philips Electronics N.V.
US	14-Oct-02	06-Apr-04	10/272150	6717353	Mueller, Gerd O.; Mueller-Mach, Regina B.; Schmidt, Peter; Juestel, Thomas; Sorce, Gerry	Philips Lumileds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	21-Mar-02	01-Mar-05	10/276786	6861807	Born, Matthias; Jost, Ruediger	Koninklijke Philips Electronics N.V.
US	13-Sep-02	16-May-06	10/489067	7045937	Bohmer, Marcel; Keursten, THEODORA ANTONIA PETRA MARIA	Koninklijke Philips Electronics N.V.
US	12-Dec-02	29-Aug-06	10/500519	7097343	Tiesler-Wittig, Helmut; Wings, Leo	Koninklijke Philips Electronics N.V.
US	02-Dec-03	27-Feb-07	10/502184	7183712	Schoeller, Klaus; Knight, Colette; Schaefer, Ralf; Kuepper, Lukas	Koninklijke Philips Electronics N.V.
US	21-Mar-03	05-Jan-10	10/508455	7642708	Juestel, Thomas; Mayr, Walter; Schmidt, Peter; Mueller, Gerd O.; Mueller-Mach, Regina B.	Koninklijke Philips Electronics N.V.

US	26-Mar-03	20-Mar-07	10/509564	7192533	Bakkers, Erik Petrus Antonius Maria; Roozeboom, FREDDY; Verhoeven, Johannes Franciscus Cornelis Maria; van der Sluis, Paul	Koninklijke Philips Electronics N.V.
US	17-Jun-03	13-Mar-07	10/521135	7190118	Vaartjes, K.; Haverlag, Marco; Hendricx, Joop	Koninklijke Philips Electronics N.V.
US	03-Aug-03	06-Jul-10	10/524406	7750571	Muckel, Ralf; Schoeneich, Juergen; Haselhorst, Georg; Haacke, Michael	Koninklijke Philips Electronics N.V.
US	18-Aug-03	15-May-07	10/526200	7218052	Wijenberg, C.; Hendricx, Joop; Born, Matthias	Koninklijke Philips Electronics N.V.
US	29-Aug-03	05-Jan-10	10/527007	7642722	Schoeller, Klaus; Gervelmeyer, Rolf	Koninklijke Philips Electronics N.V.
US	07-Oct-03	13-Jun-06	10/531034	7061024	Schmidt, Peter; Juestel, Thomas; Mayr, Walter; Bausen, Hans-Dieter; Schnick, Wolfgang; HOEPPE, HENNING	Koninklijke Philips Electronics N.V.
US	04-Dec-03	09-Jun-09	10/538203	7544309	Juestel, Thomas; Schmidt, Peter; HOEPPE, HENNING; Schnick, Wolfgang; Mayr, Walter	Koninklijke Philips Electronics N.V.
US	05-Mar-04	11-Aug-09	10/549231	7573189	Juestel, Thomas; Busselt, Wolfgang; Schmidt, Peter; Mayr, Walter	Koninklijke Philips Electronics N.V.; Lumileds Lighting U.S., LLC

US	04-Aug-04	14-Jul-09	10/568016	7559685	Rosenmueller, Peter; Flechsig, Juergen; Unger, Helmar	Koninklijke Philips Electronics N.V.
US	27-Oct-04	17-Nov-09	10/578074	7618290	Van Gennip, Nico	Koninklijke Philips Electronics N.V.
US	23-Sep-05	29-Jun-10	10/596219	7745982	Rosenmueller, Peter; Flechsig, Juergen; Mueller, Gert W.; Trampler, Andreas	Koninklijke Philips Electronics N.V.
US	29-Jul-03	05-Oct-04	10/631001	6800500	Epler, John Edward	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	15-Nov-04	18-Nov-08	10/990208	7452737	Basin, Grigoriy; West, ROBERT SCOTT; MARTIN, Paul S.; Harbers, Gerard; Smits, Willem Hendrik; Hendriks, Robert Frans Maria; Konijn, Frans Hubert	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	28-Feb-05	18-Mar-08	11/069418	7344902	Basin, Grigoriy; West, ROBERT SCOTT; MARTIN, Paul S.; Harbers, Gerard; Smits, Willem Hendrik; Hendriks, Robert Frans Maria; Konijn, Frans Hubert	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	29-Mar-05	01-Apr-08	11/093961	7352011	Basin, Grigoriy; West, ROBERT SCOTT; MARTIN, Paul S.; Harbers, Gerard; Smits, Willem	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.

					Hendrik; Hendriks, Robert Frans Maria; Konijn, Frans Hubert	
US	29- Mar- 05	01- Apr- 08	11/093961	73520 11	Smits, Willem Hendrik	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	27- May -05	18- May- 10	11/139325	77190 18	Misra, Mira S.; Shen, Yu- Chen; Stockman, Stephen A.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	29- Nov- 05	07- Apr- 09	11/290299	75147 21	KRAMES, Michael R.; Schmidt, Peter	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	08- Mar- 06	10- May- 11	11/371883	79389 83	Meyer, Joerg; Schmidt, Peter; Mayr, Walter; Bausen, Hans.Dieter; Mueller- Mach, Regina B.; Mueller, Gerd O.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	13- Mar- 06	22- Jun- 10	11/374670	77409 00	Bohmer, Marcel; Keursten, THEODORA ANTONIA PETRA MARIA	Koninklijke Philips Electronics N.V.
US	18- Oct- 06	30- Nov- 10	11/550488	78429 63	Schiaffino, Stefano; Uebbing, John Julian	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	15- Apr- 05	03- Jan- 12	11/568037	80879 66	Hebbinghaus, Gerhard; Merx, Jozef	Koninklijke Philips Electronics N.V.
US	23- May -05	20- Apr- 10	11/569182	77000 02	Schmidt, Peter; Juestel, Thomas; HOEPPE, HENNING; Schnick, Wolfgang; Mayr, Walter	Koninklijke Philips Electronics N.V.; LumiLeds Lighting U.S. LLC
US	11- May -05	30- Oct- 12	11/569609	82986 80	van Veen, Co; Biglari, MOHAMMAD HOSSAIN	Mat-Tech B.V; Koninklijke Philips Electronics N.V.

US	10-Jun-05	28-Jun-11	11/570345	7969089	Bechtel, Hans-Helmut; Busselt, Wolfgang; Gaertner, Georg; Haskal, Eliav; Opitz, Joachim	Koninklijke Philips Electronics N.V.
US	21-Jun-05	06-Jul-10	11/570897	7750357	Bertram, Dietrich; Bechtel, Hans-Helmut; Busselt, Wolfgang; Greiner, Horst	Koninklijke Philips Electronics N.V.
US	01-Jul-05	08-Jun-10	11/571757	7733026	Hebbinghaus, Gerhard; Merx, Jozef	Koninklijke Philips Electronics N.V.
US	28-Jul-05	09-Feb-10	11/573001	7658535	Flechsig, Juergen; Reyer, Sven; Trampler, Andreas; Rosenmueller, Peter	Koninklijke Philips Electronics N.V.
US	31-Aug-05		11/574414		Kubon, Marcus; Scholak, Gerald	Koninklijke Philips N.V.
US	12-Sep-05	28-Sep-10	11/575080	7804249	Dhenaut, Matthieu; Balkenende, Ruud; Mercier, Virginie; Straetmans, Jean-Sebastien	Koninklijke Philips Electronics N.V.
US	12-Sep-05	07-Apr-09	11/575330	7513642	Sormani, Joseph Ludovicus Antonius Maria	Koninklijke Philips Electronics N.V.
US	22-Sep-05	15-Dec-09	11/575702	7631991	Anderson, Duncan J.; Zou, Hans	Koninklijke Philips Electronics N.V.
US	06-Oct-05	19-Jul-11	11/577436	7982377	Haacke, Michael; Postma, Pieter	Koninklijke Philips Electronics N.V.
US	13-Jan-07	04-Nov-08	11/623068	7446343	Mueller, Gerd; Mueller, Regina; Juestel, Thomas; Huppertz,	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V. et Al.

					Petra; Wiechert, Dettlef; Uhlich, Dominik	
US	23- Jan- 07	14- Sep- 10	11/626280	77950 51	Elpedes, Cresente S.; Fiteri Bin Aziz, Zainul; MARTIN, Paul S.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	27- Mar- 07	13- Oct- 09	11/692132	76019 89	Epler, John Edward; ZHAO, HANMIN; Krames, Michael R.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	14- Nov- 05	24- Sep- 13	11/719240	85417 97	Hoelen, Christoph; van den Ackerveken, Ton; Rutjes, Corne; van Os, Koen; de Samber, Marc; Treurniet, Theo	Koninklijke Philips Electronics N.V.
US	15- Nov- 05	13- Sep- 11	11/719300	80179 55	Wang, Lingli; van Os, Koen; Ansems, Johan	Koninklijke Philips Electronics N.V.
US	22- Dec- 05		11/722809		Lesch, Norbert; Westemeyer, Manfred; Schoeller, Klaus	Koninklijke Philips N.V.
US	08- Jun- 07	07- Sep- 10	11/760521	77910 96	Craford, Magnus George; KRAMES, Michael R.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	09- Jul- 07	11- Jan- 11	11/775059	78677 93	Basin, Grigoriy; West, Robert; Martin, Paul Scott	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	16- Jan- 06	29- Jun- 10	11/814683	77460 05	Weinert, Holger; Saveliev, Anatoli	Koninklijke Philips Electronics N.V.
US	24- Jan- 06	11- May- 10	11/815106	77129 48	Schug, Josef; Linssen_2, Petrus Johannes Antonius; Peters, Ralph Hubert	Koninklijke Philips Electronics N.V.

US	10-Feb-06	08-Mar-11	11/816262	7901592	Schmidt, Peter; Bachmann, Volker; Golsch, Silvia; Busselt, Wolfgang	Koninklijke Philips Electronics N.V.
US	10-Feb-06	01-Oct-13	11/816702	8545722	Schmidt, Peter; Meyer, Joerg; Mayr, Walter; Bechtel, Hans-Helmut	Koninklijke Philips Electronics N.V.
US	30-Aug-07	03-Aug-10	11/848055	7768754	Collins, William David; Bhat, Jerome Chandra	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	04-Sep-07	07-Sep-10	11/849930	7791093	Basin, Grigoriy; Martin, Paul; Haque, Ashim Shatil; Chen, Ching-Hui; West, Robert Scott	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	22-Oct-07	30-Mar-10	11/876404	7687810	Mo, Qingwei; Daguio, Arnold	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	10-Mar-06	01-Feb-11	11/908134	7879258	de Graaf, Jan; Kop, Theo Arnold	Koninklijke Philips Electronics N.V.
US	17-May-06	22-Feb-11	11/914969	7893623	Haacke, Michael	Koninklijke Philips Electronics N.V.
US	09-May-06	21-Sep-10	11/915320	7800123	Bechtel, Hans-Helmut; Busselt, Wolfgang; Schmidt, Peter	Koninklijke Philips Electronics N.V.
US	22-May-06	13-Jul-10	11/916100	7753553	Juestel, Thomas; Mayr, Walter; Meyer, Joerg; Schmidt, Peter	Koninklijke Philips Electronics N.V.
US	19-Dec-07	26-Jul-11	11/960180	7985979	WIERER, Jonathan J.; David, Aurelien Jean Francois; Choy, Henry	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	31-Oct-07	15-Dec-09	11/980991	7631986	Harrah, Shane	Koninklijke Philips Electronics N.V.

US	28-Jun-06	19-Jul-11	11/993476	7981321	Schmidt, Peter; Bachmann, Volker	Koninklijke Philips Electronics N.V.
US	04-Jul-06	31-May-11	11/995385	7952270	Bechtel, Hans-Helmut; Busselt, Wolfgang; Schmidt, Peter	Koninklijke Philips Electronics N.V.
US	20-Feb-08		12/034588		Mueller, Gerd O.; Mueller-Mach, Regina B.; Krames, Michael R.; Schmidt, Peter; Bechtel, Hans-Helmut; Meyer, Joerg; de Graaf, Jan; Kop, Theo Arnold	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	14-Mar-08		12/049239		Basin, Grigoriy; West, ROBERT SCOTT; MARTIN, Paul S.; Harbers, Gerard; Smits, Willem Hendrik; Hendriks, Robert Frans Maria; Konijn, Frans Hubert	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	14-Aug-06	05-Jan-10	12/064100	7642707	Luettgens, Gunnar; Kraus, Albrecht; Spinger, Benno	Koninklijke Philips Electronics N.V.
US	12-Sep-06	05-Oct-10	12/067845	7806575	Willwohl, Harald; Elders, Gerard; Reniers, Jan; van der Wielen, Piet van der; Peters, Ralph Hubert	Koninklijke Philips Electronics N.V.
US	26-Sep-06	03-Apr-12	12/089085	8147067	Weichmann, Ulrich; Schmidt, Peter; Heusler, Gero	Koninklijke Philips Electronics N.V.

US	27-Oct-06	17-Apr-12	12/092745	8159126	Schmidt, Peter; Meyer, Joerg; Mayr, Walter; Busselt, Wolfgang; Bechtel, Hans-Helmut	Koninklijke Philips Electronics N.V.
US	03-Nov-06	19-Mar-13	12/092753	8398448	Schug, Josef	Koninklijke Philips Electronics N.V.
US	09-Nov-06	21-Sep-10	12/093607	7798691	Peters, Ralph Hubert; de Samber, Marc; van Os, Koen; Sweegers, Norbert; Lenderink, Egbert; van Heeswijk, Johannes Antonius Adrianus Maria; KOHL, Johann-Josef	Koninklijke Philips Electronics N.V.
US	04-Dec-06	03-Sep-13	12/096924	8523413	Schug, Josef	Koninklijke Philips Electronics N.V.
US	06-Dec-06	24-Jul-12	12/097137	8229257	Schulz, Volkmar	Koninklijke Philips Electronics N.V.
US	13-Dec-06	11-Sep-12	12/097944	8262428	Lesch, Norbert; Merx, Jozef; Scholak, Gerald	Koninklijke Philips Electronics N.V.
US	16-Jun-08	13-Jul-13	12/139999	8507929	Grillot, Patrick; Chen, Eugene; Salim, Sateria; ALDAZ, Rafael	Koninklijke Philips Electronics N.V.
US	06-Dec-06	02-Aug-11	12/158290	7990069	Luerkens, Peter	Koninklijke Philips Electronics N.V.
US	15-Jan-07	28-Dec-10	12/162072	7859185	Bechtel, Hans-Helmut; Busselt, Wolfgang; Schmidt, Peter	Koninklijke Philips Electronics N.V.
US	29-Aug-08	15-Feb-11	12/201428	7888691	Krames, Michael R.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.

US	18-Sep-08	28-Dec-10	12/212991	7858409	Kessels, Marc; Sillevis Smitt, Willem; Mueller, Gerd; Bierhuizen, Serge	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	24-Sep-08	06-Mar-12	12/236527	8129735	Bierhuizen, Serge; Sillevis Smitt, Willem	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	24-Sep-08		12/236853		McLaurin, Melvin; KRAMES, Michael R.	Koninklijke Philips Electronics N.V.
US	10-Oct-08	23-Nov-10	12/248968	7837370	Bierhuizen, Serge; Eng, Gregory W.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	19-Mar-04	09-Mar-10	12/259120	7675084	Wierer, Jonathan J. Jr.; Krames, Michael R.; Epler, John Edward	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	05-Nov-08	09-Aug-11	12/265131	7994529	Bierhuizen, Serge; Butterworth, Mark	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	06-Nov-08	22-Nov-11	12/266162	8062916	KRAMES, Michael R.; Epler, John; Steigerwald, Daniel; Margalith, Tal	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	24-Nov-08	08-Mar-11	12/277230	7902566	Paolini, Steve; Camras, Michael D.; Chao, Oscar; Steranka, Frank Michael; Epler, John	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	26-Jan-07	22-Nov-11	12/278449	8063580	Saveliev, Anatoli; Tochadse, Gennadi	Koninklijke Philips Electronics N.V.
US	29-Aug-08	09-Aug-11	12/281161	7994530	Weijers, Gon; Lankhorst, Martijn; Wang, Lingli; Tukker, Teus	Koninklijke Philips Electronics N.V.
US	06-Mar-07	15-Feb-11	12/282181	7887224	Theelen, ANTONIUS NICOLAAS; Doree,	Koninklijke Philips Electronics N.V.

					Vanessa; Riou, Philippe; Pelsma, Jelle	
US	13- Mar- 07	09- Sep- 14	12/293099	88297 79	Schmidt, Peter; Bechtel, Hans- Helmut; Busselt, Wolfgang; Schreinema- cher, Baby- Seriya	Koninklijke Philips Electronics N.V.
US	10- Apr- 07	11- Oct- 11	12/298061	80352 87	Schmidt, Peter; Bechtel, Hans- Helmut; Busselt, Wolfgang	Koninklijke Philips Electronics N.V.
US	25- Apr- 07	20- Jul- 10	12/298960	77582 21	Weijers, Gon	Koninklijke Philips Electronics N.V.
US	26- Apr- 07	20- Mar- 12	12/298966	81386 71	Hildenbrand, Volker; Mercier, Virginie; Hendriks, Rene	Koninklijke Philips Electronics N.V.
US	06- Jun- 07	28- Aug- 12	12/302607	82515 38	de Samber, Marc; Peters, Ralph Hubert; Sormani, Joseph Ludovicus Antonius Maria	Koninklijke Philips Electronics N.V.
US	11- Jun- 07	21- Feb- 12	12/305380	81202 47	Schmidt, Peter; Bechtel, Hans-Helmut	Koninklijke Philips Electronics N.V.
US	28- Jun- 07	18- Mar- 14	12/307770	86745 91	Kessels, Marc; Schoeller, Klaus	Koninklijke Philips Electronics N.V.
US	28- Jun- 07	08- Feb- 11	12/307774	78845 49	Schoeller, Klaus; Westemeyer, Manfred; Manders, Freddy; Visser, Bram	Koninklijke Philips Electronics N.V.
US	23- Jan- 09	20- Jul- 10	12/359166	77591 44	Wall, Franklin Joseph Jr.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.

US	26-Jan-09	09-Aug-11	12/359374	7995911	Butterworth, Mark	Koninklijke Philips Electronics N.V.
US	31-May-06	25-Jan-11	12/368213	7875533	Epler, John Edward; MARTIN, Paul S.; Krames, Michael R.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	13-Feb-09	21-Sep-10	12/371497	7801195	Jansen, Mitch	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	12-Jul-07	27-Dec-11	12/373234	8086082	Lenderink, Egbert; Peters, Ralph Hubert; Schug, Josef; de Samber, Marc	Koninklijke Philips Electronics N.V.
US	15-Aug-07	28-Feb-12	12/377608	8125244	Baddela, Srinivasa; Aboulinga, Aly	Koninklijke Philips Electronics N.V.
US	29-Nov-05	02-Oct-12	12/390564	8278674	KRAMES, Michael R.; Schmidt, Peter	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	04-Mar-09	19-Jun-12	12/397367	8202741	Neff, Jim; Epler, John; Schiaffino, Stefano	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	04-Mar-09	25-Jan-11	12/397392	7875984	Epler, John; KRAMES, Michael R.; Neff, Jim	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	04-Mar-09	31-Jan-12	12/397417	8106403	McLaurin, Melvin	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	03-Apr-09	03-Jul-12	12/417673	8212263	Bierhuizen, Serge; Eng, Gregory W.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	29-Apr-09	31-Jan-12	12/432521	8104907	Shchekin, Oleg; Bierhuizen, Serge	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	30-Apr-09	04-Jan-11	12/433106	7863631	Krames, Michael R.; Gardner, Nathan F.; Steranka, Frank M.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.

US	06-May-09	12-Jul-11	12/436442	7977132	Margalith, Tal; Schiaffino, Stefano; Choy, Henry	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	18-Sep-07	25-Oct-11	12/439295	8044421	Offermans, Paul; Beckers, Lucas	Koninklijke Philips Electronics N.V.
US	07-Sep-07		12/440470		Deprez, Francis, Martin, Jozef; Merx, Jozef	Koninklijke Philips N.V.
US	10-Sep-07	19-Jun-12	12/440592	8203257	Kuepper, Lukas; Kraus, Albrecht; Spinger, Benno	Koninklijke Philips Electronics N.V.
US	17-Sep-07	03-Feb-15	12/441588	8944650	van As, Marco; Peters, Ralph Hubert	Koninklijke Philips Electronics N.V.
US	03-Jun-09	08-Jun-10	12/477222	7732231	Neff, Jim; ALDAZ, Rafael	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	09-Jun-09	01-May-12	12/481021	8168998	David, Aurelien Jean Francois; ALDAZ, Rafael; Butterworth, Mark; Bierhuizen, Serge	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	18-Jun-09	03-Jan-12	12/487314	8089091	Epier, John	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	30-Jun-09	13-Sep-11	12/494988	8017958	Chung, Theodore; Munkholm, Anneli	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	30-Jun-09	22-May-12	12/495258	8183577	YI, SUNGSOO; Gardner, Nathan; Ye, Qi	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	16-Jul-09		12/503915		Bierhuizen, Serge	Koninklijke Philips Electronics N.V.
US	16-Jul-09	30-Apr-13	12/503951	8431423	Basin, Grigoriy; Martin, Paul Scott	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.



US	21-Jul-09	13-Dec-11	12/506632	8076682	Epler, John	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	22-Jul-09	12-Aug-14	12/507493	8803171	Bierhuizen, Serge; Shchekin, Oleg	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	23-Jul-09	17-Jan-12	12/508238	8097894	Bierhuizen, Serge; Eng, Gregory W.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	06-Nov-07	18-Oct-11	12/513516	8040065	Schloemer, Heinz	Koninklijke Philips Electronics N.V.
US	30-Nov-07	21-Aug-12	12/517284	8247828	Bechtel, Hans-Helmut; Busselt, Wolfgang; Schmidt, Peter; Meyer, Joerg	Koninklijke Philips Electronics N.V.
US	14-Dec-07	04-Mar-14	12/519431	8664683	Steenbrugge n, Geert	Koninklijke Philips Electronics N.V.
US	14-Dec-07	02-Apr-13	12/519439	8410500	Sormani, Joseph Ludovicus Antonius Maria; Lenderink, Egbert; Epmeier, Matthias; Weljers, Gon	Koninklijke Philips Electronics N.V.
US	31-Jan-08	10-Apr-12	12/525083	8153025	Schmidt, Peter; Mayr, Walter; Meyer, Joerg; Schnick, Wolfgang; Hecht, Cora Sieglinde; Stadler, Florian	Koninklijke Philips Electronics N.V.
US	31-Jan-08		12/525085		Schmidt, Peter; Beckers, Lucas; Meyer, Joerg; Schreinemacher, Baby-Seriyati; Schreinemacher, Herbert	Koninklijke Philips N.V.

US	22-Feb-08	10-Jun-14	12/527910	8749158	Wendt, Matthias; Sauerlaender, Georg; van den Bogaart, Patrick	Koninklijke Philips Electronics N.V.
US	07-Mar-08	04-Oct-11	12/530537	8030847	Haacke, Michael; Stroesser, Martin	Koninklijke Philips Electronics N.V.
US	07-Mar-08	19-May-15	12/530542	9033564	Gerhard, Markus; de Wit, Mathijs	Koninklijke Philips Electronics N.V.
US	09-Sep-09	19-Mar-13	12/556054	8400064	Wei, Yajun; Collins, Dave W; Steigerwald, Daniel	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	17-Sep-09		12/561617		Wang, Patrick; Sun, Decai; Eng, Gregory W.; Wei, Yajun; Bierhuizen, Serge	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	21-Sep-09	16-Jul-13	12/563953	8486771	Faure, Bruce Laurent Daniel; KRAMES, Michael R.; Gardner, Nathan	SOITEC; Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	12-Oct-09	07-Aug-12	12/577623	8236582	Neff, Jim; Bierhuizen, Serge; Epler, John	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	08-Apr-08		12/594832		Flechtsig, Juergen; Rosenmueller, Peter	Koninklijke Philips N.V.
US	15-Apr-08	18-Jun-13	12/595660	8465166	Meyer, Joerg; Bechtel, Hans-Helmut; Mayr, Walter; Schmidt, Peter; Schreinemacher, Baby-Seriyati; Wiechert, Detlef	Koninklijke Philips Electronics N.V.
US	15-May-08	02-Feb-15	12/600495	8944651	Benter, Nils; Spinger, Benno; Haenen, Ludo; Meijers, AUGUSTINUS GREGORIUS	Koninklijke Philips Electronics N.V.

					HENRICUS; Kaandorp, Wouter	
US	30- May -08		12/601854		Dhenaut, Matthieu; Pelsma, Jelle; Debes, Hani; Doree, Vanessa; Theelen, ANTONIUS NICOLAAS; Geelen, Victor	Koninklijke Philips N.V.
US	06- Nov- 09	25- Jun- 13	12/613924	84712 80	ALDAZ, Rafael; KRAMES, Michael R.; Basin, Grigoriy; MARTIN, Paul S.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	23- Nov- 09	19- Jun- 12	12/624156	82031 61	Simonian, Dmitri; Basin, Grigoriy	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	23- Nov- 09	12- Nov- 13	12/624268	85812 29	Dupont, Frédéric Georges Michel; Epler, John	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	16- Sep- 08		12/678321		Willwohl, Harald; Sweegers, Norbert; Kloosterman, Jan	Koninklijke Philips N.V.
US	16- Sep- 08		12/678322		Willwohl, Harald; Schug, Josef; Kaandorp, Wouter; Sweegers, Norbert; Steenbrugge n, Geert; de Wit, Mathijs; Peters, Ralph Hubert	Koninklijke Philips N.V.
US	19- Sep- 08	07- May- 13	12/678532	84365 39	Haacke, Michael; Lesch, Norbert	Koninklijke Philips Electronics N.V.
US	25- Sep- 08	25- Mar- 14	12/682258	86805 47	Schmidt, Peter; Schreinemac her, Baby- Seriyaati;	Koninklijke Philips Electronics N.V.

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					Tuecks, Andreas	
US	15- Jan- 10	19- Jun- 12	12/688209	82031 53	David, Aurelien Jean Francois; KRAMES, Michael R.; McLaurin, Melvin	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	15- Jan- 10	31- Jan- 12	12/688382	81058 52	KRAMES, Michael R.; McLaurin, Melvin; YI, SUNGSOO; Gardner, Nathan F.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	16- Feb- 10	08- Jul- 14	12/706149	87715 77	Basin, Grigoriy; Martin, Paul Scott	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	25- Mar- 10	27- Nov- 12	12/731501	83192 47	Bierhuizen, Serge	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	20- Oct- 08	19- Mar- 13	12/738312	83998 98	Jagt, Henri; Nicole, Celine	Koninklijke Philips Electronics N.V.
US	27- Nov- 08	01- Oct- 13	12/745701	85468 45	Schmidt, Peter; Mayr, Walter; Meyer, Joerg; Kechele, Juliane Angelika; Schnick, Wolfgang; Oeckler, Oliver Michael	Koninklijke Philips Electronics N.V.
US	25- Nov- 08		12/745904		Tuecks, Andreas; Schmidt, Peter; Bechtel, Hans-Helmut	Koninklijke Philips N.V.
US	03- Dec- 08	09- Oct- 12	12/746773	82836 86	Jagt, Henri; Popovici, Mihaela Ioana; Kleijnen, Christian	Koninklijke Philips Electronics N.V.
US	05- Dec- 08	25- Jun- 13	12/746775	84712 81	Jagt, Henri	Koninklijke Philips Electronics N.V.
US	10- Dec- 08	03- Jun- 14	12/747170	87439 21	Yu, Joan	Koninklijke Philips Electronics N.V.

US	12-Dec-08	17-Sep-13	12/747541	8536600	Verschuuren, Marc; van Sprang, Hans	Koninklijke Philips Electronics N.V.
US	15-Dec-08	14-May-13	12/747544	8441026	Meyer, Joerg; Schmidt, Peter; Bechtel, Hans-Helmut; Mayr, Walter; Schreinemacher, Baby-Seriyati; Heidemann, Matthias	Koninklijke Philips Electronics N.V.
US	23-Apr-10	02-Aug-11	12/766221	7989824	Neff, Jim; ALDAZ, Rafael	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	26-Apr-10	18-Sep-12	12/767513	8269235	Bierhuizen, Serge	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	27-Apr-10	26-Feb-13	12/767845	8384118	Steigerwald, Daniel; Alexander; Holcomb, Mari; MARTIN, Paul S.; Schiaffino, Stefano; Basin, Grigoriy; Epler, John Edward	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	29-Apr-10	10-Apr-12	12/770550	8154042	ALDAZ, Rafael; David, Aurelien Jean Francois	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	30-Apr-10	31-Jul-12	12/771809	8232117	Basin, Grigoriy; Martin, Paul Scott	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	07-May-10	30-Apr-13	12/775593	8431942	Butterworth, Mark	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	19-May-10	08-Apr-14	12/783197	8692261	Kim, Andrew; Grillot, Patrick	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	19-May-10	17-Sep-13	12/783354	8536022	Kim, Andrew	Philips LumiLeds Lighting Company LLC; Koninklijke

						Philips Electronics N.V.
US	07-Jun-10	25-Jun-13	12/795272	8471282	Diana, Frederic; Choy, Henry; Mo, Qingwei; Rudaz, Serge; Wei, Frank; Steigerwald, Daniel	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	09-Jan-09	20-May-14	12/811832	8728835	Boerekamp, Jack; Steigelmann, Oliver; van Hal, henricus albertus maria; Cillessen, Hans	Koninklijke Philips Electronics N.V.
US	06-Jul-10		12/830885		Kim, James C.; YI, SUNGSOO; Gardner, Nathan F.; Krames, Michael R.; Romano, Linda	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	03-Aug-10	02-Aug-11	12/849452	7991034	Jansen, Mitch	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	04-Aug-10	18-Oct-11	12/850213	8039866	Craford, Magnus George; KRAMES, Michael R.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	18-Feb-09	24-Jul-12	12/867281	8226440	Mouchon, Arnaud; De Montureux, Philippe; Pelsma, Jelle; Theelen, ANTONIUS NICOLAAS	Koninklijke Philips Electronics N.V.
US	13-Feb-09	05-Jun-12	12/867890	8193891	Gerhard, Markus; Saveliev, Anatoli	Koninklijke Philips Electronics N.V.
US	05-Oct-10	19-Oct-11	12/897866	8053905	Epler, John; KRAMES, Michael R.; Neff, Jim	Koninklijke Philips Electronics N.V.
US	21-Oct-10	16-Jul-13	12/909004	8486761	Bierhuizen, Serge	Koninklijke Philips Electronics N.V.

US	24-Feb-09	20-Nov-12	12/918839	8313348	Mertens, Juergen; Deurwaarder, Vincent; Verburg, Piet; te Loo, Henk	Koninklijke Philips Electronics N.V.
US	07-Apr-09	02-Apr-13	12/936541	8410698	Haacke, Michael; Hechtfisher, Ulrich	Koninklijke Philips Electronics N.V.
US	09-Dec-10	18-Oct-11	12/963844	8038905	Meyer, Joerg; Schmidt, Peter; Mayr, Walter; Bausen, Hans.Dieter; Mueller-Mach, Regina B.; Mueller, Gerd O.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	17-Dec-10	30-Jul-13	12/971605	8496852	de Graaf, Jan; Kop, Theo Arnold	Koninklijke Philips N.V.
US	06-Jan-11	14-Feb-12	12/985394	8114692	Krames, Michael R.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	16-Apr-09		12/988005		Gerhard, Markus; Rottstädt, Olaf; Heitbreder, Volker	Koninklijke Philips N.V.
US	20-Apr-09	19-Nov-13	12/988532	8585261	Schug, Josef	Koninklijke Philips Electronics N.V.
US	20-Apr-09	09-Apr-13	12/988538	8415868	Gerhard, Markus; Schartmann, Herbert; Westemeyer, Manfred; Muckel, Ralf; Emunds, Wilfried	Koninklijke Philips Electronics N.V.
US	08-May-09	08-Jan-13	12/992098	8350475	Daub, Wolfgang; Eusterbrock, Michael; Kanne, Gideon	Koninklijke Philips Electronics N.V.
US	24-Jun-09	25-Dec-12	12/999706	8338846	de Graaf, Jan; Peeters, Mart; Paulussen, Elvira; Benoy, Dany; van der Lubbe,	Koninklijke Philips Electronics N.V.

					Marcel; Borel, Huub; Sipkes, Mark	
US	01- Jul- 09	25- Jun- 13	13/002084	84714 47	Kuepper, Lukas	Koninklijke Philips Electronics N.V.
US	08- Jul- 09	02- Oct- 12	13/003584	82788 25	Michel, Andre; Lind, Adam; Schoeller, Klaus; Dohmen, Hans-Alo	Koninklijke Philips Electronics N.V.
US	28- Jan- 11	19- Jun- 12	13/015789	82027 42	Paolini, Steve; Camras, Michael D.; Chao, Oscar; Steranka, Frank Michael; Epler, John	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	10- Oct- 11	13- Sep- 13	13/045375	85308 83	Sulairman, Yohann; MacKellar, Richard; York, Allan Brent	Koninklijke Philips N.V.
US	17- Aug- 09	04- Sep- 12	13/059300	82569 41	Hikmet, Rifat; van Bommel, Ties	Koninklijke Philips Electronics N.V.
US	31- Aug- 09	04- Jun- 13	13/060711	84542 16	Willwohl, Harald; Schug, Josef; Peters, Ralph Hubert; Kaandorp, Wouter	Koninklijke Philips Electronics N.V.
US	07- Sep- 09	03- Dec- 13	13/062274	85987 89	Haacke, Michael; Muckel, Ralf; Emunds, Wilfried; Westemeyer, Manfred	Koninklijke Philips Electronics N.V.
US	01- Apr- 11	28- May- 13	13/078036	84507 60	Bhat, Jerome; Boles, Steven T.	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	12- Apr- 11		13/084679		Jr, Jonathan; Epler, John	Koninklijke Philips Electronics N.V.
US	17- Mar- 08	25- Sep- 12	13/115475	82735 87	Basin, Grigoriy; Diana, Frederic;	Philips LumiLeds Lighting Company LLC; Koninklijke

					Martin, Paul Scott; Simonian, Dmitri	Philips Electronics N.V.
US	28- Aug- 09		13/119270		Haenen, Ludo; Benter, Nils; Bloemen, Pascal; Meijers, AUGUSTINUS GREGORIUS HENRICUS	Koninklijke Philips N.V.
US	13- Oct- 09		13/124911		Honma, Shinichi; Schug, Josef	Koninklijke Philips N.V.
US	03- Nov- 09		13/126256		Saveliev, Anatoli; Probst, Sven	Koninklijke Philips N.V.
US	09- Nov- 09	10- Dec- 13	13/127742	86026 16	Schoenfelder, Bernd; Westemeyer, Manfred; Schoeller, Klaus; Baeumges, Kirsten; Ruske, Manfred; Sell, Konrad	Koninklijke Philips Electronics N.V.
US	11- Nov- 09	08- Apr- 14	13/130230	86904 06	Drenten, Ronald Reindert; Schug, Josef; Valster, Ad	Koninklijke Philips Electronics N.V.
US	27- Nov- 09	17- Feb- 15	13/131384	89574 39	Bechtel, Hans- Helmut; Heidemann, Matthias; Schmidt, Peter; Diederich, Thomas	Koninklijke Philips N.V.
US	22- Dec- 09	01- Jul- 14	13/142867	87642 59	Schug, Josef	Koninklijke Philips Electronics N.V.
US	19- Dec- 07	14- Aug- 12	13/161541	82425 21	WIERER, Jonathan J.; David, Aurelien Jean Francois; Choy, Henry	Philips Lumileds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	17- Feb- 10	28- Apr- 15	13/202832	90188 38	Schoeller, Klaus	Koninklijke Philips Electronics N.V.
US	08- Aug- 11	26- Aug- 14	13/204750	88163 68	Chung, Theodore; Munkholm, Anneli	Koninklijke Philips N.V.

US	10-Oct-11	28-May-13	13/269669	8450754	KRAMES, Michael R.; Epler, John; Steigerwald, Daniel; Margalith, Tal	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	21-Jul-09	04-Sep-12	13/288062	8257989	Epler, John	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	06-Dec-11	29-May-12	13/311606	8188508	Epler, John	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	08-Sep-10	08-Apr-14	13/314434	8692465	Gerhard, Markus; Mertens, Juergen	Koninklijke Philips N.V.
US	17-May-10	13-May-14	13/320803	8721098	Bechtel, Hans-Helmut; Heidemann, Matthias; Schmidt, Peter	Koninklijke Philips N.V.
US	12-Jan-12	09-Apr-13	13/348736	8415656	ALDAZ, Rafael; David, Aurelien Jean Francois	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	27-Jan-12	22-Jul-14	13/359881	8786312	Baddela, Srinivasa; Aboulnga, Aly	Koninklijke Philips N.V.
US	27-May-10	08-Apr-14	13/375673	8690395	Fancsali, Erno; Smits, Wim; Bloemen, Pascal	Koninklijke Philips Electronics N.V.
US	09-Aug-10	20-Jan-15	13/384609	8936997	Jagt, Henri; Kleijnen, Christian; Baken, Jannie	Koninklijke Philips Electronics N.V.
US	20-Apr-10	18-Mar-14	13/395448	8672523	Hikmet, Rifat; van Bommel, Ties; Ni, Yongfeng	Koninklijke Philips Electronics N.V.
US	29-Mar-12	17-Sep-13	13/433424	8536608	David, Aurelien Jean Francois; ALDAZ, Rafael; Butterworth, Mark; Bierhuizen, Serge	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.

US	09-Apr-12	02-Apr-13	13/442117	8409472	Schmidt, Peter; Mayr, Walter; Meyer, Joerg; Schnick, Wolfgang; Hecht, Cora Sieglinde; Stadler, Florian	Koninklijke Philips Electronics N.V.
US	17-Apr-12	21-Apr-15	13/448453	9012250	YI, SUNGSOO; Gardner, Nathan; Ye, Qi	Koninklijke Philips Electronics N.V.
US	25-Jun-09		13/448700		Epler, John; David, Aurelien Jean Francois	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	30-Apr-12	18-Dec-12	13/459279	8334543	David, Aurelien Jean Francois; KRAMES, Michael R.; McLaurin, Melvin	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	02-May-12	20-Nov-12	13/461874	8314443	Epler, John	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	14-May-12		13/470784		Neff, Jim; Epler, John; Schiaffino, Stefano	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	27-Sep-10		13/500666		Haacke, Michael; Dabringhausen, Lars	Koninklijke Philips N.V.
US	10-Dec-10		13/511159		Meyer, Joerg; Weiler, Volker; Schmidt, Peter	Koninklijke Philips N.V.
US	10-Dec-10		13/516301		Muelders, Barbara; Feder, Reiner	Koninklijke Philips N.V.
US	19-Jan-11	20-May-14	13/522345	8729802	Gerhard, Markus; Dabringhausen, Lars	Koninklijke Philips Electronics N.V.
US	24-Feb-11		13/581757		Schug, Josef	Koninklijke Philips N.V.
US	11-May-05		13/626943		van Veen, Co; Biglari, MOHAMMAD HOSSAIN	Koninklijke Philips N.V.

US	11-Mar-11		13/635483		Sikkens, Marten; de Jong, Marcel; Boolj, Silvia; Creusen, Martin	Koninklijke Philips N.V.
US	21-Mar-11		13/635798		Schug, Josef; Spinger, Benno	Koninklijke Philips N.V.
US	24-Mar-11		13/637909		Koole, Rolf; Houtepen, Arjan Jeroen; Ronda, Cees	Koninklijke Philips N.V.
US	23-Mar-11	02-Dec-14	13/638142	8899782	Sikkens, Marten; de Jong, Marcel; Creusen, Martin; Boolj, Silvia; Schug, Josef	Koninklijke Philips Electronics N.V.
US	12-Apr-11		13/641772		Spinger, Benno; Benter, Nils; Schug, Josef	Koninklijke Philips N.V.
US	21-Apr-11		13/642993		Riederer, Xaver; Dabringhausen, Lars	Koninklijke Philips N.V.
US	06-Nov-12	24-Mar-15	13/669506	8987771	Bierhuizen, Serge	Philips Lumileds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	26-Apr-11	29-Apr-14	13/695997	8710744	Darsy, Francois; Peisma, Jelle; Zhang, Timothy; Ding, Chao	Koninklijke Philips Electronics N.V.
US	19-May-11		13/698853		Kuepper, Lukas; Haacke, Michael; Schoeller, Klaus	Koninklijke Philips N.V.
US	18-May-11	16-Jun-15	13/699229	9058970	Kuepper, Lukas; Haacke, Michael; Schoeller, Klaus	Koninklijke Philips Electronics N.V.
US	04-Jul-11		13/809014		Peters, Ralph Hubert; Benter, Nils	Koninklijke Philips N.V.
US	25-Jul-11	10-Mar-15	13/812587	8975658	Lopez, Toni; ALDAZ, Rafael	Koninklijke Philips Electronics N.V.

US	24-Aug-11		13/818708		Flechslog, Juergen; Polster, Martin; Dohmen, Hans-Alo; Kecke, Ralph	Koninklijke Philips N.V.
US	02-Sep-11	17-Mar-15	13/821276	8981647	Ding, Chao; HUANG, Frank; Darsy, Francois; Zhang, Timothy	Koninklijke Philips Electronics N.V.
US	23-Sep-11		13/824014		Camras, Michael; Shchekin, Oleg; ALDAZ, Rafael; Grillot, Patrick; Steranka, Frank Michael	Koninklijke Philips Electronics N.V.
US	26-Oct-11		13/877549		Gardner, Nathan; McLaurin, Melvin; Grundmann, Michael; Goetz, Werner; Epler, John; Ye, Qi	Koninklijke Philips N.V.
US	10-Oct-11	16-Dec-14	13/877913	8912049	Wei, Yajun	Koninklijke Philips Electronics N.V.
US	14-Nov-11		13/878432		Mo, Qingwei; Vanderhaeghen, Dirk	Koninklijke Philips Electronics N.V.
US	07-Oct-11	26-May-15	13/878782	9040332	Moran, Brendan; Kmetec, Jeffrey; Black, Iain; Diana, Frederic; Rudaz, Serge; Zhang, Li	Koninklijke Philips Electronics N.V.
US	07-Oct-11		13/878837		Diana, Frederic; Wei, Yajun; Schiaffino, Stefano; Moran, Brendan	Koninklijke Philips N.V.
US	20-Oct-11		13/879639		Basin, Grigoriy; Martin, Paul Scott	Koninklijke Philips N.V.

US	20- Oct- 11	03- Mar- 15	13/879824	89698 90	Balkenende, Ruud; Verschuuren, Marc; Immink, W.G.G	Koninklijke Philips N.V.
US	01- Nov- 11		13/882511		Gardner, Nathan; Epler, John; McLaurin, Melvin; Camras, Michael; David, Aurelien Jean Francois; Goetz, Werner; Grundmann, Michael	Koninklijke Philips N.V.
US	27- Oct- 11		13/882744		Grundmann, Michael; Gardner, Nathan; Goetz, Werner; McLaurin, Melvin; Epler, John; Leon, Francisco	Koninklijke Philips Electronics N.V.
US	25- Oct- 11		13/882803		Gardner, Nathan; Goetz, Werner; Grundmann, Michael; McLaurin, Melvin; Epler, John; Camras, Michael; Steranka, Frank Michael	Koninklijke Philips Electronics N.V.
US	19- Dec- 11	12- May- 15	13/885774	90298 06	Simonian, Dmitri; Fouksman, Mikhail	Koninklijke Philips Electronics N.V.
US	29- May -13		13/904299		Diana, Frederic; Choy, Henry; Mo, Qingwei; Rudaz, Serge; Wei, Frank; Steigerwald, Daniel	Koninklijke Philips Electronics N.V.

US	14-Jun-13	05-Aug-14	13/917673	8796916	Meyer, Joerg; Bechtel, Hans-Helmut; Mayr, Walter; Schmidt, Peter; Schreinemacher, Baby-Seriyati; Wiechert, Detlef	Koninklijke Philips N.V.
US	21-Oct-10	19-May-15	13/930312	9035327	Bierhuizen, Serge	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	08-Jul-13	30-Sep-14	13/936850	8846423	Camras, Michael D.; Imler, William R.; Wall, Franklin Joseph Jr.; Steranka, Frank M.; Krames, Michael R.; Ticha, Helena; Tichy, Ladislav	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	24-Jan-12		13/976479		Bechtel, Hans-Helmut; Diederich, Thomas; Heidemann, Matthias	Koninklijke Philips N.V.
US	28-Nov-11		13/988852		Schmidt, Peter; Mayr, Walter; Schreinemacher, Baby-Seriyati; Meyer, Joerg; Bechtel, Hans-Helmut	Koninklijke Philips N.V.
US	12-Dec-11	15-Jul-14	13/993086	8779448	Ronda, Cees; Shchekin, Oleg	Koninklijke Philips Electronics N.V.
US	29-Dec-11	09-Dec-14	13/993733	8907364	Bierhuizen, Serge	Koninklijke Philips Electronics N.V.

US	16-Jan-12		13/995998		S. Rahimzadeh-Kalaleh Rodriguez, Said; Gomez Rivas, Jaime; Balkenende, Ruud; Verschuuren, Marc; Lozano Barbero, Gabriel; Murai, Shunsuke	Koninklijke Philips N.V.
US	29-Dec-11	10-Feb-15	13/997673	89518 17	Steigerwald, Daniel	Koninklijke Philips N.V.
US	28-Feb-12		14/001878		Lei, Jim; Choy, Henry; Wei, Yajun; Schiaffino, Stefano; Steigerwald, Daniel	Koninklijke Philips N.V.
US	09-Mar-12		14/002202		Jagt, Henri; Kleijnen, Christian	Koninklijke Philips N.V.
US	05-Mar-12		14/002467		Verschuren, Coen; Jagt, Henri; Vdovin, Alexander; Kleijnen, Christian; Krijn, Marcel; Dijken, Durandus	Koninklijke Philips N.V.
US	05-Mar-12		14/003172		Haacke, Michael; Dabringhausen, Lars; Riederer, Xaver; Huedepohl, Heinz	Koninklijke Philips N.V.
US	06-Dec-12		14/007982		Weller, Volker; Schmidt, Peter; Schnick, Wolfgang; Seibald, Markus Armin	Koninklijke Philips N.V.
US	13-Sep-13	20-Jan-15	14/026505	RE453 42	Haacke, Michael; Stroesser, Martin	Koninklijke Philips N.V.
US	09-Oct-13	04-Nov-14	14/049282	88781 60	Dupont, Frédéric Georges	Koninklijke Philips N.V.

				Michel; Epler, John	
US	25-Apr-12		14/112279	Lei, Jim; Wei, Yajun; Nickel, Alexander; Schiaffino, Stefano; Steigerwald, Daniel	Koninklijke Philips N.V.
US	19-Apr-12		14/113772	Haacke, Michael; Prokesch, Bernd	Koninklijke Philips N.V.
US	23-Apr-12		14/114239	Haenen, Ludo; Boolj, Silvia; Cooijmans, Huib; Calon, Georges	Koninklijke Philips N.V.
US	24-Apr-12		14/114244	Haenen, Ludo; Benter, Nils; Pelsma, Jelle	Koninklijke Philips N.V.
US	23-Apr-12		14/114250	Haenen, Ludo; Boolj, Silvia; Cooijmans, Huib; Calon, Georges	Koninklijke Philips N.V.
US	21-May-12		14/118564	Steigerwald, Daniel; Bhat, Jerome; Akram, Salman	Koninklijke Philips N.V.
US	30-May-12		14/119621	Schug, Josef	Koninklijke Philips N.V.
US	10-Jul-12		14/131207	Zou, Quanbo; Akram, Salman; Bhat, Jerome	Koninklijke Philips N.V.
US	30-Jul-12		14/131686	Basin, Grigoriy; Epler, John; Martin, Paul Scott	Koninklijke Philips N.V.
US	20-Dec-13		14/136171	Camras, Michael D.; Krames, Michael R.; Snyder, Wayne L.; Steranka, Frank M.; Taber, Robert C.; Uebbing, John Julian; Pocius, Douglas W.; Trottier, Troy	Koninklijke Philips Electronics N.V.

					A.; Lowery, Christopher H.; Mueller, Gerd O.; Mueller-Mach, Regina B.	
US	12-Feb-14	03-Feb-15	14/178983	8945975	Kim, Andrew; Grillot, Patrick	Philips Lumileds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	25-Mar-14		14/224120		Bechtel, Hans-Helmut; Heidemann, Matthias; Schmidt, Peter	Koninklijke Philips N.V.
US	23-Mar-12		14/232916		Jagt, Henri; Verschuren, Coen; Vdovin, Alexander; Kleijnen, Christian; Krijn, Marcel; Dijken, Durandus	Koninklijke Philips N.V.
US	14-Aug-12		14/237448		de Samber, Marc	Koninklijke Philips N.V.
US	21-Aug-12		14/238477		Bhat, Jerome; Steigerwald, Daniel; Camras, Michael; Choi, Han Ho; Gardner, Nathan; Shchekin, Oleg	Koninklijke Philips N.V.
US	04-Jun-14		14/295370		Basin, Grigoriy; Martin, Paul Scott	Koninklijke Philips N.V.
US	01-Jul-14	05-May-15	14/320988	9024520	Meyer, Joerg; Bechtel, Hans-Helmut; Mayr, Walter; Schmidt, Peter; Schreinemac	Koninklijke Philips N.V.

				her, Baby-Seriyati; Wiechert, Detlef	
US	01-Oct-12		14/347252	Rong, Yiwen; Neff, Jim; Tak Seng, Thang	Koninklijke Philips N.V.
US	14-Sep-12		14/348082	Muelders, Barbara	Koninklijke Philips N.V.
US	19-Oct-12		14/351898	Xu, Shu; Hikmet, Rifat	Koninklijke Philips N.V.
US	05-Oct-12		14/352698	de Samber, Marc; van Grunsven, Eric; Engelen, Roy	Koninklijke Philips N.V.
US	29-Oct-12		14/355619	Epler, John	Koninklijke Philips N.V.
US	25-Oct-12		14/355846	Roehrlich, Rafael; Spinger, Benno; Kraus, Albrecht	Koninklijke Philips N.V.
US	26-Nov-12		14/360320	Mertens, Juergen	Koninklijke Philips N.V.
US	15-Nov-12		14/360326	Hechtfischer, Ulrich	Koninklijke Philips N.V.
US	30-Nov-12		14/360965	de Samber, Marc	Koninklijke Philips N.V.
US	04-Dec-12		14/362144	Schiaffino, Stefano; Nickel, Alexander; Lei, Jim	Koninklijke Philips N.V.
US	05-Dec-12		14/362411	Kuiper, Stein; Basin, Grigoriy	Koninklijke Philips N.V.
US	03-Jan-13		14/363354	Benedict, Mac; MARTIN, Paul S.; Kharas, Dave	Koninklijke Philips N.V.
US	03-Jan-13		14/366294	Bierhuizen, Serge	Koninklijke Philips N.V.
US	25-Jan-13		14/373497	Xu, Shu; Hikmet, Rifat	Koninklijke Philips N.V.

US	29-Jan-13		14/373707		Martin, Paul Scott; Hng, Tiang Chuan; Ishikawa, Tomonari	Koninklijke Philips N.V.
US	15-Jan-13		14/374549		Bierhuizen, Serge	Koninklijke Philips N.V.
US	07-Feb-13		14/375461		Bierhuizen, Serge	Koninklijke Philips N.V.
US	13-Feb-13		14/376451		Weiler, Volker; Schmidt, Peter	Koninklijke Philips N.V.
US	28-Feb-13	09-Jun-15	14/378113	90542 32	Chung, Theodore	Koninklijke Philips N.V.
US	26-Feb-13		14/383648		Dross, Oliver	Koninklijke Philips N.V.
US	18-Mar-13		14/384173		Singh, Rajwinder; Epler, John	Koninklijke Philips N.V.
US	08-Mar-13		14/384720		Wei, Frank	Koninklijke Philips N.V.
US	29-Mar-13		14/385510		Deeben, Paul; van Stijn, Patrick	Koninklijke Philips N.V.
US	20-Mar-13		14/385594		Basin, Grigoriy; Kuiper, Stein; Martin, Paul Scott	Koninklijke Philips N.V.
US	22-Mar-13		14/387591		Lei, Jim; Schiaffino, Stefano; Nickel, Alexander	Koninklijke Philips N.V.
US	27-Mar-13		14/387868		Bierhuizen, Serge; Cennini, Giovanni	Koninklijke Philips N.V.
US	30-Mar-13		14/388877		Vampola, Kenneth; Choi, Han Ho; Butterworth, Mark	Koninklijke Philips N.V.
US	26-Mar-13		14/388979		Vampola, Kenneth; Choi, Han Ho	Koninklijke Philips N.V.
US	29-Mar-13		14/389780		Wei, Frank	Koninklijke Philips N.V.
US	03-Apr-13		14/390422		Hikmet, Rifat; van Bommel, Ties	Koninklijke Philips N.V.

US	05-Apr-13	14/390862	Wu, Songnan; Kharas, Dave	Koninklijke Philips N.V.
US	09-Apr-13	14/391737	Hikmet, Rifat; van Bommel, Ties	Koninklijke Philips N.V.
US	09-Apr-13	14/396817	Dabringhausen, Lars; Mertens, Juergen; Duschl, Anton	Koninklijke Philips N.V.
US	15-Apr-13	14/396878	Dabringhausen, Lars; Mertens, Juergen; Duschl, Anton	Koninklijke Philips N.V.
US	12-Apr-13	14/397331	Dabringhausen, Lars; Mertens, Juergen; Duschl, Anton	Koninklijke Philips N.V.
US	02-May-13	14/398764	Bera, Debasis; Butterworth, Mark; Shchekin, Oleg	Koninklijke Philips N.V.
US	08-May-13	14/399323	Lei, Jim; Nickel, Alexander; Schiaffino, Stefano; Basin, Grigoriy	Koninklijke Philips N.V.
US	09-May-13	14/401368	Schmidt, Peter; Pust, Philipp Alexander Hubert; Thienel, Frauke Charlotte; Weiler, Volker; Hecht, Cora; Schmiechen, Sebastian Florian; Schnick, Wolfgang; Wiechert, Detlef	Koninklijke Philips N.V.
US	07-May-13	14/402212	Schug, Josef	Koninklijke Philips N.V.
US	22-May-13	14/402362	Singh, Rajwinder; Epler, John	Koninklijke Philips N.V.

US	03-Jun-13	14/405299		Kuepper, Lukas; Mirsadeghi, Mo; Luettgens, Gunnar; Elger, Gordon; Rosler, Nadin; Tralli, Aldo	Koninklijke Philips N.V.
US	04-Jun-13	14/405532		Lei, Jim; Schiaffino, Stefano; Nickel, Alexander; Ng, Mooi Guan; Basin, Grigoriy; Akram, Sai	Koninklijke Philips N.V.
US	28-Jun-13	14/409031		Asadi, Kamal; de Leeuw, Dago; Cillessen, Hans; Keur, Wilco; Verbakel, Frank; Baesjou, Patrick; Timmering, Eugene	Koninklijke Philips N.V.
US	24-Jun-13	14/411926		Turcotte, Stephane	Koninklijke Philips N.V.
US	25-Jun-13	14/412026		Butterworth, Mark; Vampola, Kenneth	Koninklijke Philips N.V.
US	03-Jul-13	14/413233		Grillot, Patrick; Wildeson, Isaac; Nshanian, Tigran; Deb, Parijat	Koninklijke Philips N.V.
US	10-Jul-13	14/413240		de Laat, Ton; Koole, Rolf; Bohmer, Marcel	Koninklijke Philips N.V.
US	12-Jul-13	14/414719		Schricker, April; Mai, Kevin K Mai; Basin, Grigoriy; Mackens, Uwe; Vogels, Joost; Weijers, Gon; Zijtveld, Karl Adriaan	Koninklijke Philips N.V.

US	17-Jul-13	14/414918	Elger, Gordon	Koninklijke Philips N.V.
US	16-Jul-13	14/416074	Soong, Chee Weng; Martin, Paul Scott; Ishikawa, Tomonari	Koninklijke Philips N.V.
US	12-Jul-13	14/418094	Soong, Chee Weng; Ishikawa, Tomonari; Tan, Su Ping; Goh, Chiou Bee	Koninklijke Philips N.V.
US	02-Aug-13	14/419539	Schug, Josef	Koninklijke Philips N.V.
US	18-Jul-13	14/419579	Xu, Shu; Ivan, Marius; Hikmet, Rifat; Breen, Craig Alan	QD Vision, Inc.; Koninklijke Philips N.V.
US	26-Jul-13	14/419583	Schug, Josef	KONINKLIJKE PHILIPS N.V.
US	06-Aug-13	14/419951	Bechtel, Hans-Helmut; Heidemann, Matthias	Koninklijke Philips N.V.
US	12-Aug-13	14/423162	Zou, Quanbo; Akram, Sal; Bhat, Jerome; Trieu, Minh; Blank, Robert	Koninklijke Philips N.V.
US	05-Sep-13	14/427320	Bhat, Jerome; Butterworth, Mark	Koninklijke Philips N.V.
US	12-Sep-13	14/430929	Berezhnyy, Igor; Garcia Molina, Gary; Weffers-albu, Alina	Koninklijke Philips N.V.
US	25-Sep-13	14/432217	Dijken, Durandus; Bruls, Dominique; Blees, Martin; Hikmet, Rifat; Jagt, Henri; Koopmans, Loes; Lunz, Manuela	Koninklijke Philips N.V.
US	24-Sep-13	14/437318	Bohmer, Marcel; Hikmet,	Koninklijke Philips N.V.

				Rifat; Koole, Rolf; Baesjou, Patrick	
US	23- Oct- 13		14/438286	Koole, Rolf; Hikmet, Rifat; Baesjou, Patrick; Bohmer, Marcel; Lub, Johan	Koninklijke Philips N.V.
US	23- Oct- 13		14/439100	Zhang, Hong	Koninklijke Philips N.V.
US	22- Oct- 13		14/439253	Weiler, Volker; Schmidt, Peter; Bechtel, Hans-Helmut	Koninklijke Philips N.V.
US	25- Oct- 13		14/439368	Schricker, April; Mai, Kevin K Mai; Basin, Grigoriy	Koninklijke Philips N.V.
US	25- Oct- 13		14/440479	Schricker, April; Bechtel, Hans- Helmut; Mai, Kevin K Mai; Diederich, Thomas; Vogels, Joost; Mackens, Uwe; Heidemann, Matthias	KONINKLIJKE PHILIPS N.V.
US	17- Oct- 14		14/516610	Roitman, Daniel; Butterworth, Mark; Heidemann, Matthias; Bechtel, Hans- Helmut; Chamberlin, Danielle; Liu, Joan	Koninklijke Philips N.V.
US	10- Feb- 15		14/618406	Bechtel, Hans- Helmut; Heidemann, Matthias; Schmidt, Peter; Diederich, Thomas	Koninklijke Philips N.V.

US	24-Feb-15	14/629581	Balkenende, Ruud; Verschuuren, Marc; Immink, W.G.G	Koninklijke Philips N.V.
US	29-Nov-13	14/649655	Ivan, Marius	Koninklijke Philips N.V.
US	17-Dec-13	14/653005	Turcotte, Stephane; Wu, Songnan	Koninklijke Philips N.V.
US	16-Apr-15	14/688036	Schoeller, Klaus	KONINKLIJKE PHILIPS N.V.
US	29-Apr-15	14/699362	Meyer, Joerg; Bechtel, Hans-Helmut; Mayr, Walter; Schmidt, Peter; Schreinemacher, Baby-Seriyati; Wiechert, Detlef	KONINKLIJKE PHILIPS N.V.
US	05-May-15	14/704007	Simonian, Dmitri; Fouksman, Mikhail	KONINKLIJKE PHILIPS N.V.
US	06-Oct-11	61/543851	Rong, Yiwen; Neff, Jim; Tak Seng, Thang	Koninklijke Philips Electronics N.V.
US	19-Dec-12	61/739165	Asadi, Kamal; de Leeuw, Dago; Cillessen, Hans; Keur, Wilco; Verbakel, Frank; Baesjou, Patrick; Timmering, Eugene	Koninklijke Philips Electronics N.V.
US	08-Jan-13	61/749941	Turcotte, Stephane; Wu, Songnan	Koninklijke Philips Electronics N.V.
US	09-Jan-13	61/750410	Butterworth, Mark; Shchekin, Oleg	Koninklijke Philips Electronics N.V.
US	10-Jan-13	61/750914	Butterworth, Mark	Koninklijke Philips Electronics N.V.
US	24-Jan-13	61/756107	Choy, Henry	Koninklijke Philips N.V.

US	25-Jan-13	61/756512	Bancken, Peter; Fleskens, Bas	Koninklijke Philips Electronics N.V.
US	11-Feb-13	61/763015	Timmering, Eugene; Verschuuren, Marc; Lopez, Toni; Balkenende, Ruud	Koninklijke Philips Electronics N.V.
US	11-Feb-13	61/763081	Shimizu, Ken; Moran, Brendan; Butterworth, Mark; Shchekin, Oleg	Koninklijke Philips Electronics N.V.
US	19-Feb-13	61/766286	Lopez, Toni	Koninklijke Philips Electronics N.V.
US	22-Feb-13	61/767877	Bohmer, Marcel; Hikmet, Rifat; Koole, Rolf; Baesjou, Patrick	Koninklijke Philips N.V.
US	25-Feb-13	61/768613	van Bommel, Ties; Schmidt, Peter; Peeters, Mart; Wegh, René; van Dreumel, Gerbe; Hendriks, Rene; Hoelen, Christoph	Koninklijke Philips Electronics N.V.
US	13-Mar-13	61/779023	Daeschner, Walter; Diana, Frederic; Mala, Mohiuddin; Haque, Shatil; Butterworth, Mark	Koninklijke Philips Electronics N.V.
US	13-Mar-13	61/779410	Epler, John	Koninklijke Philips Electronics N.V.
US	15-Mar-13	61/798858	Choy, Henry	Koninklijke Philips Electronics N.V.

US	20-Mar-13		61/803563		Koole, Rolf; Bohmer, Marcel; Kriege, Koen; Verhoeckx, Fred; Offermans, Paul; Baesjou, Patrick; Keur, Wilco; Cilleessen, Hans; Verstegen, Emile; de Laat, Ton	Koninklijke Philips Electronics N.V.
US	26-Mar-13		61/805207		Dijken, Durandus; Lunz, Manuela; Jagt, Henri	Koninklijke Philips Electronics N.V.
US	08-Apr-13		61/809451		Basin, Grigoriy; Fouksman, Mikhail	Koninklijke Philips Electronics N.V.
US	23-Apr-13		61/814940		Lopez, Toni; Butterworth, Mark; Mihopoulos, Theodoros	Koninklijke Philips Electronics N.V.
US	14-May-13		61/822961		Akram, Sal; Bhardwaj, Jyoti; Silleviss Smitt, Johannes Willem Herman	Koninklijke Philips Electronics N.V.
US	15-May-13		61/823419		Bhat, Jerome; Basin, Grigoriy; Vampola, Kenneth	Koninklijke Philips Electronics N.V.
US	15-May-13		61/823528		Vampola, Kenneth; Bechtel, Hans-Helmut	Koninklijke Philips Electronics N.V.
US	20-May-13		61/825116		Akram, Sal; Bhardwaj, Jyoti	Koninklijke Philips N.V.
US	05-Jun-13		61/831244		Denis, Gregoire	Koninklijke Philips Electronics N.V.
US	06-Jun-13		61/831750		Mahowald, Peter	Koninklijke Philips N.V.
US	19-Jun-13		61/836775		Lopez, Toni	Koninklijke Philips N.V.

US	24-Jun-13		61/838457		Lei, Jim; Schiaffino, Stefano; Nickel, Alexander; Ng, Mool Guan; Akram, Sal	Koninklijke Philips N.V.
US	27-Jun-13		61/840032		Wu, Songnan; Turcotte, Stephane	Koninklijke Philips N.V.
US	03-Jul-13		61/842431		Akram, Sal; Zou, Quanbo	Koninklijke Philips N.V.
US	08-Jul-13		61/843466		Schricker, April; Shchekin, Oleg; Choi, Han Ho; Schmidt, Peter	Koninklijke Philips N.V.
US	18-Jul-13		61/847603		Lopez, Toni; Choy, Henry	Koninklijke Philips N.V.
US	18-Jul-13		61/847693		Peddada, S. Rao; Wei, Frank	Koninklijke Philips N.V.
US	19-Jul-13		61/856103		Basin, Grigoriy; Haque, Shatil; Kageyama, Hideo; Moran, Brendan; Bhardwaj, Jyoti	Koninklijke Philips N.V.
US	22-Jul-13		61/856786		Yu, Joan; van Leth, Niek; Cennini, Giovanni; Vampola, Kenneth; Cornelissen, Hugo	Koninklijke Philips N.V.
US	22-Jul-13		61/856857		Ilievski, Filip; Sweegers, Norbert; Choy, Henry; de Samber, Marc	Koninklijke Philips N.V.
US	26-Jul-13		61/858658		Lopez, Toni; Vampola, Kenneth	Koninklijke Philips N.V.
US	20-Aug-13		61/867773		Mazuir, Clarisse; Mo, Qingwei; Kuo, Mei- Ling; Li, Lin;	Koninklijke Philips N.V.

				Shchekin, Oleg	
US	13-Sep-13		61/877434	Stockman, Stephen; de Samber, Marc; Shchekin, Oleg; Sweegers, Norbert; Haque, Shatil; Martynov, Yourii	Koninklijke Philips N.V.
US	09-Oct-13		61/888534	Diana, Frederic; Subbanarayan, Arun Sundaram; Wellman, Ryan; Guth, Gregory	Koninklijke Philips N.V.
US	29-Oct-13		61/896832	Peddada, S. Rao; Wei, Frank	Koninklijke Philips N.V.
US	29-Oct-13		61/896836	Peddada, S. Rao; Wei, Frank	Koninklijke Philips N.V.
US	29-Oct-13		61/896842	Peddada, S. Rao; Wei, Frank; Casaje, Eric; Sharma, Rajat	Koninklijke Philips N.V.
US	06-Nov-13		61/900466	Moran, Brendan; de Samber, Marc; Basin, Grigoriy; Sweegers, Norbert; Butterworth, Mark; Vampola, Kenneth; Mazuir, Clarisse	Koninklijke Philips Electronics N.V.
US	18-Dec-13		61/917421	Rong, Yiwen; Diana, Frederic; Zhu, Ting; Guth, Gregory	Koninklijke Philips N.V.

US	18-Dec-13		61/917540		Diana, Frederic; Bournes, Patrick; Daeschner, Walter; Choi, Yong Seok; Mehnert, Axel; Mala, Mohiuddin	Koninklijke Philips N.V.
US	19-Dec-13		61/917959		Soer, Wouter; Jagt, Henri; Vdovin, Alexander	Koninklijke Philips N.V.
US	06-Jan-14		61/923908		Lopez, Toni	Koninklijke Philips N.V.
US	06-Jan-14		61/923925		Butterworth, Mark	Koninklijke Philips N.V.
US	07-Jan-14		61/924283		Basin, Grigoriy; Martin, Paul; Choi, Han Ho	Koninklijke Philips N.V.
US	08-Jan-14		61/924740		Butterworth, Mark	Koninklijke Philips N.V.
US	08-Jan-14		61/924761		Moran, Brendan; Shchekin, Oleg; Basin, Grigoriy; Kmetec, Jeffrey	Koninklijke Philips N.V.
US	09-Jan-14		61/925328		Schricker, April; Mai, Kevin K Mai; Moran, Brendan	Koninklijke Philips N.V.
US	10-Jan-14		61/925727		Roitman, Daniel; Vampola, Kenneth	Koninklijke Philips N.V.
US	21-Jan-14		61/929530		Soer, Wouter; Helbing, Rene; Huang, Guan	Koninklijke Philips N.V.
US	23-Jan-14		61/930586		Daeschner, Walter; Fouksman, Mikhail; Mala, Mohiuddin; Hague, Shatil	Koninklijke Philips N.V.
US	29-Jan-14		61/932851		Butterworth, Mark	Koninklijke Philips N.V.
US	04-Feb-14		61/935360		Butterworth, Mark	Koninklijke Philips N.V.

US	06-Feb-14	61/936360	Stockman, Stephen; de Samber, Marc; Shchekin, Oleg; Sweegers, Norbert; Haque, Shatil; Martynov, Yourii	Koninklijke Philips N.V.
US	06-Feb-14	61/936362	Lopez, Toni	Koninklijke Philips N.V.
US	27-Feb-14	61/945170	Schricker, April; Shchekin, Oleg; Vampola, Kenneth; Bechtel, Hans-Helmut; Salmaso, Guido	Koninklijke Philips N.V.
US	07-Apr-14	61/975966	Kmetec, Jeffrey; Wall, Franklin	Koninklijke Philips N.V.
US	21-May-14	62/001091	Leong, Chee Mun; Foong, Li Lian; Vincent Tiong, Kwong Ho; Law, Ruen Ching	Koninklijke Philips N.V.
US	30-May-14	62/005003	Lopez, Toni	Koninklijke Philips N.V.
US	17-Jun-14	62/013010	Butterworth, Mark	Koninklijke Philips N.V.
US	19-Jun-14	62/014288	Basin, Grigoriy; Moran, Brendan; Kageyama, Hideo	Koninklijke Philips N.V.
US	25-Jun-14	62/016708	Basin, Grigoriy; Liu, Joan; Juan, Joseph; Balakrishnan, R B Syivaram; De Smet, Thierry	Koninklijke Philips N.V.
US	11-Aug-14	62/035535	Ng, Aik Hoe Sean; Loh, Cheng Hou	Koninklijke Philips N.V.

US	19-Aug-14	62/038988	Nie, Dong; Tee, Kian Hock	Koninklijke Philips N.V.
US	15-Sep-14	62/050481	Lawrence, Nate; Shchekin, Oleg; Vampola, Kenneth	Koninklijke Philips N.V.
US	23-Sep-14	62/053951	Diana, Frederic; Fancsali, Erno; De Smet, Thierry; Guth, Gregory; Martynov, Yourii	Koninklijke Philips N.V.
US	30-Sep-14	62/057334	Koole, Rolf; Veldman, Dirk; Bohmer, Marcel; Shimizu, Ken; Koopmans, Loes; Timmering, Eugene	Koninklijke Philips N.V.
US	01-Oct-14	62/058162	Shchekin, Oleg; Choi, Han Ho; Vampola, Kenneth; Jin, Fahong	Koninklijke Philips N.V.
US	06-Nov-14	62/076013	Kharas, Dave	Koninklijke Philips N.V.
US	08-Dec-14	62/088834	Vampola, Kenneth; Crompvoets, Floris	Koninklijke Philips N.V.
US	30-Dec-14	62/097623	Mehnert, Axel; Golubovic, Dusan; Donker, Marc; Eggink, Erik; van Honschooten, Rene; Treurniet, Theo	Koninklijke Philips N.V.
US	06-Jan-15	62/100194	Mueller, Gerd; Mueller- Mach, Regina; Schmidt, Peter;	Koninklijke Philips N.V.

				Chamberlin, Danielle; Shchekin, Oleg; Bechtel, Hans-Helmut	
US	18- Feb- 15		62/117497	Bechtel, Hans- Helmut; Nelson, Erik; Schricker, April	Koninklijke Philips N.V.
US	06- Mar- 15		62/129282	Schricker, April; Roitman, Daniel; van Leth, Niek	Koninklijke Philips N.V.
US	30- Mar- 15		62/139820	Lopez, Toni	Koninklijke Philips N.V.
US	15- Apr- 15		62/147622	Lopez, Toni	Koninklijke Philips N.V.
US	13- May -15		62/160814	Nie, Dong; Tee, Kian Hock	Koninklijke Philips N.V.
US	01- Jun- 15		62/169053	Camras, Michael	Koninklijke Philips N.V.
US	03- Feb- 11		IB2011/050472	Basin, Grigoriy; Martin, Paul Scott	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	26- Mar- 14		PCT/EP2014/05 6007	Dijken, Durandus; Lunz, Manuela; Jagt, Henri	Koninklijke Philips N.V.
US	03- Sep- 14		PCT/EP2014/06 8720	Schoenfelder, Bernd; Dohlen, Gerd-Peter; Moeller, Johannes	Koninklijke Philips N.V.
US	23- Sep- 14		PCT/EP2014/07 0184	Tuecks, Andreas; Schreinemac her, Baby- Seriya;ti; Schmidt, Peter; Schmiechen, Sebastian Florian; Schnick, Wolfgang	Koninklijke Philips N.V.; LUDWIG- MAXIMILIANS- UNIVERSITAET MUENCHEN

BEN PATENTS

US	29-Dec-10		PCT/IB2010/056112		David, Aurelien Jean Francois; KRAMES, Michael R.; McLaurin, Melvin	Philips LumiLeds Lighting Company LLC; Koninklijke Philips Electronics N.V.
US	02-Jan-14		14/761115 PCT/IB2014/058016		Denis, Gregoire	Koninklijke Philips N.V.
US	06-Jan-14		14/655863 PCT/IB2014/058077		Butterworth, Mark	Koninklijke Philips N.V.
US	15-Jan-14		14/762023 PCT/IB2014/058275		Choy, Henry	Koninklijke Philips N.V.
US	16-Jan-14		14/762254 PCT/IB2014/058310		Bancken, Peter; Fleskens, Bas	Koninklijke Philips N.V.
US	17-Jul-14		PCT/IB2014/063169		Basin, Grigoriy; Haque, Shatil; Kageyama, Hideo; Moran, Brendan; Bhardwaj, Jyoti	Koninklijke Philips N.V.

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