

DECLARATION

I, Kimoon Kim , hereby certify that I have provided a true English translation of Korean Trademark Registration Number 1190517, completed to the best of my knowledge.

Kimoon Kim

Name




Signature

Trademark Register of the KIPO

Trademark Registration No.	1190517
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[Indication of Right]

Display No.	Matters	Trademark																		
No. 1	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Date</td><td>July 20, 2015</td></tr> <tr><td>Application No.</td><td>2015-0054060</td></tr> <tr><td>Publication Date</td><td>April 14, 2016</td></tr> <tr><td>Publication No.</td><td>2016-0038535</td></tr> <tr><td>Notice of Allowance Date</td><td>June 28, 2016</td></tr> <tr><td>Number of Classes</td><td>4</td></tr> <tr><td>Kind of Mark</td><td>Standard Mark</td></tr> <tr><td>Registered Date</td><td>July 14, 2016</td></tr> <tr><td>Expiration Date</td><td>July 14, 2026</td></tr> </table>	Application Date	July 20, 2015	Application No.	2015-0054060	Publication Date	April 14, 2016	Publication No.	2016-0038535	Notice of Allowance Date	June 28, 2016	Number of Classes	4	Kind of Mark	Standard Mark	Registered Date	July 14, 2016	Expiration Date	July 14, 2026	
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Designated Goods or Services	<p>Class 7 Dish washing machines for household purposes; Automatic dishwashers; Washing machines; Laundry washing machines for household purposes; Electric washing machines for household purposes; Clothes washing machines; Dishwashers; Dishwashing machines for household purposes; Spin dryers for household purposes (not heated); Steam cleaners for household purposes; Electric cleaners for household purposes; Vacuum cleaners; Robot cleaners for household purposes; Solar power generators; Apparatus for manufacturing solar battery membrane; Apparatus for forming solar battery membrane; Compressors as parts of machines, motors and engines; Compressors for refrigerators; Compressors (machines); Compressors for air conditioners; Compressors for dehumidifying machines; Compressor for clothes managing apparatus; Compressor for Washing machines; Electric bed cleaners for household purposes; Electric clothes managing apparatus for household purposes</p> <p>Class 9 Computer application software for smart phones, mobile phones, smart TV and handheld electric communication device, which is used for implementing internet of things; Motion recognizing sensors; Gyro sensors using GPS functions; Motion detectors; Invader detecting sensors; Range sensor; Pressure sensors; Sensors for measuring instruments; Window opening and closing detecting sensors; Digital sensory devices; Object detecting sensors; Door opening and closing detecting sensors; Remote control apparatus; Universal serial bus (USB) Dongle (Wireless network adapters); Transmitters and receivers of electronic signals; Adapters for wireless network access; Audio speakers; Computer monitors; Digital door locks; TV remote controls; Remote controls for controlling electronic products; Home network devices; Electronic security system for home</p>																			

network; Home automation device; Downloadable smart phone application (software); Interfaces and peripheral devices for computers; Cloud server; Server for home network system; Server for home automation; Digital audio interface apparatus; Wireless audio/video receivers; Wireless communication apparatus; Battery charge devices; Computer software for the remote control of security apparatus; Computer software for the remote control of office machines and equipment; Computer software for the remote control of electric lighting apparatus; Computer application software for the remote control of electronic apparatus and instruments and consumer electronic apparatus; Computer software for the remote control of electronic apparatus and instruments and consumer electronic apparatus; Computer programs for the remote control of electronic apparatus and instruments and consumer electronic apparatus, which are installed for electronic apparatus and instruments and consumer electronic apparatus; Computer software for the remote control of telephone sets and radiotelephony sets; Computer software for the remote control of vacuum cleaner, printer and computer; Remote multi switches; Smart phones; Display for smart phones; Mobile phones; Wearable smart phones; Wireless headsets; Headsets; Wireless headsets for mobile phones; Wireless headsets for smartphones; Digital set top boxes; Leather case for mobile phones; Leather case for smart phones; Flip covers for mobile phones; Flip covers for smart phones; Computer application software; Downloadable computer software applications; Computer application software for mobile phones; Software for mobile phones; Software for TV; Tablet PC; Monitors for commercial use; Wearable computers; Computers; Printers for computers; Light emitting diodes (LED) display; Leather case for tablet computers; Flip covers for tablet computers; Portable computers; Chargeable batteries; Battery compensation chargers; 3D spectacles; Digital cameras; Network monitoring cameras; Television receivers; Display for television receivers; Audio components system, comprising surround sound speakers, loud speakers, tuners, sound mixers, equalizers, audio recorders, and radios; Apparatus for the recording/transmission or reproduction of sound and images; Earphones; DVD players; Handheld media players; Oscillation sensor devices; Air pollution measuring devices; Measuring and control devices for air conditioning technology; Air measuring apparatus; Dust measuring apparatus; Weight scales not for medical purposes; Measuring apparatus not for medical purposes; Sensor controllers; Automatic control apparatus and instruments; Light switches; Electric power distribution apparatus; Apparatus for improving power efficiency; Apparatus and instruments for conveying, distributing, transforming, storing, regulating or controlling electric current; Lighting control apparatus; Apparatus for diagnosing electrical power installations; Apparatus for

measuring/monitoring/analyzing electricity consumption; Electric wire and cable; Digital audio and video recorders and players; Speaker systems; Electric audio and visual apparatus and instruments; Handheld multimedia players; Modems; Wireless routers; Antennas for wireless communications apparatus; Remote air conditioning control devices; Telemetric apparatus and instruments; Remote control telemetering machines and apparatus; Mobile phones; Telecommunication machines and implements; Remote control apparatus for controlling lighting; Telecommunication converters; Computer software for controlling and managing access server applications; Computer programs for connecting remotely to computers or computer networks; Computer software; Digital electronic controllers; Plugs; Sockets, plugs and other contacts (electric connectors); Solar cell wafer; Modules for photovoltaic power generation; Solar wafers; Solar batteries; Crystalline silicon solar power cells; Solar cell plates; Solar cell panels; Solar power panel for generation; Solar panels for electricity generation; Solar panels for the production of electricity; Inverter used in solar power generation; Accumulators for photovoltaic power; Electric control devices for heating and energy management; Computer hardware modules for use in internet of things electronic devices; Computer software used to allow electronic devices to share data and communicate with each other; Computer software and firmware used to allow electronic devices to share data and communicate with each other; Computer operating system software; Electronic device software drivers that allow computer hardware and electronic devices to communicate with each other; Middleware for management of software functions on electronic devices; Software for network and device security; computer software for others to use for the development of software to manage, operate and connect internet of things electronic devices; Software for mobile device management; Alarm sensor for motion detecting of refrigerators; Alarm sensor for moisture detecting of refrigerators; Input button for computers; Shutter button for cameras; Push button for bells; Intruder preventing sensors; Alarm sensor for motion detecting of washing machines; Alarm sensor for moisture detecting of washing machines; Sensor station for telecommunications; Sensor station for measuring electric current;

Class 11

Lamps for bathroom; Lamps for bedroom; Gas ranges; Gas oven range; Cooking ovens for household purposes; Ovens; Kitchen ranges (ovens); Hot-water heating apparatus; Solar heating apparatus; Gas refrigerators; Air conditioners for household purposes; Air conditioners; Air conditioning installations; Air conditioning apparatus; Fans (air-conditioning); Transportable air conditioners; Cooling fans; Freezers; Heating and air conditioning apparatus; Heating installations; Refrigerating or freezing

showcases; Refrigerating containers; Room air conditioner; Room coolers; Refrigerating display cabinets (display cases); Range hoods for household purposes; Ventilators for household use; Ventilating fans for household use; Ventilation installations for kitchens; Solar thermal collectors (heating); Solar heat collection panels; Light emitting diode lights for automobiles; Air purifiers for automobiles; Heating and cooling systems for automobiles; Air conditioners for automobiles; Heat exchangers for automobiles; Lighting apparatus and devices for automobiles; Air purifiers (for household purposes); Household air cleaners; Air sterilizers for household purposes; Air cleaning apparatus for household purposes; Ionization apparatus for the treatment of air or water; Air humidifying apparatus; Air driers; Air sterilizing and disinfecting device; Air purifiers; Filters for air purifiers; Water filters for household purposes; Water ionizers (for household purposes); Desalination plants; Water sterilizers; Water filtering apparatus; Water purification installations; Water purifying apparatus; Water purifying apparatus and machines; Tap-water purifying apparatus; Water purifying apparatus; Purification installations for sewage; LCD illumination; LED luminaires; Organic light emitting diodes (OLED) lighting device; Pixel local storage (PLS) lighting device; Emitting diodes lamps; Incandescent lighting fixtures; Electric bulbs; Electric lighting apparatus; Solar cell lighting apparatus; Electric humidifiers for household use; Electric drying apparatus for household purposes; Electric dehumidifiers for household purposes; Dehumidifiers for household use; Anion generator humidifier; Laundry dryers, electric for household purposes; Electric dish drying machines for household purposes; Electric clothes drying machines for household purposes; Clothes dryers; Electric dehydrators; Electric ovens for household purposes; Induction ranges; Electric ranges; Electric oven range; Microwave ovens; Refrigerators for household purposes; Electric refrigerators (for household purposes); Electric wine cellar for household purposes; Electric water purifiers for household purposes; Electric water purification filters for household purposes; Microwave ovens for household purposes; Kimchi refrigerators; Refrigerators; Wine refrigerators; Electric humidifiers; Electric refrigerators; Electric refrigerating showcases; Electric wine coolers; Electric sterilizers for household purposes; Heat exchangers; Compressor for clothes dryers; Compressor for air conditioners; Air conditioners;

Class 14

Bracelets with precious metal; Watches with wireless communication function; Watches incorporating cameras and MP3 players, and that communicate data to smart phones and PDAs; Bracelets that communicate data to personal digital assistants, smart phones, and personal computers

		through internet websites and other computer and electronic communication networks
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[Registration Fee]

Full Payment	10 Years	(2016.07.14 ~ 2026.07.14)	1,274,000won	July 14, 2016
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[Indication of Registrant]

(Current Registrant) LG ELECTRONICS INC. (110111-*****) 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Republic of Korea	
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Ranking No.	Matters
No. 1	(Registrant) LG ELECTRONICS INC. (110111-*****) 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Republic of Korea July 14, 2016 Registered

This is to certify that the original register is a certified copy from the records of the Korean Intellectual Property Office.
(000218578)

September 26, 2016
COMMISSIONER