

# United States of America

United States Patent and Trademark Office

## CLOi Home

**Reg. No. 5,958,698**

**Registered Jan. 14, 2020**

**Int. Cl.: 7, 9, 11, 12, 35,  
42**

**Service Mark**

**Trademark**

**Principal Register**

LG Electronics Inc. (KOREA, REPUBLIC OF CORPORATION)  
128, Yeoui-daero, Yeongdeungpo-gu  
Seoul, 150-721, REPUBLIC OF KOREA

CLASS 7: Electric clothes washing machines; Automatic dishwashers; Electric vacuum cleaners; Hose for electric vacuum cleaners; Bag for electric vacuum cleaners; Stick type vacuum cleaners; Daily chores helping robots for household purposes, namely, robotic vacuum cleaners and lawn mowers; Control mechanisms for robotic machines; Electric rotary blowers; Compressed air pumps; Electric rotary compressors; Compressors for refrigerators; Spin driers for household purposes, not heated; Electric mixers for household purposes; Robotic vacuum cleaners; Electric food processors; Steam cleaners for household purposes; Hand-held vacuum cleaners; Electric lawnmowers; Robots for industrial use; Industrial robot module system comprised of industrial robots and power-operated lifting and moving equipment, namely, fork lifts for carrying pallets; Indoor self-driving industrial robots; Robotic lawn mowers; Lawnmowers

CLASS 9: Smart phones; Television receivers; Monitors for computers; Commercial monitors, namely, digital signage monitors and LCD monitors; Lap Top computers; Convertible computers; Wearable computers in the nature of smartwatches and smartglasses; Computers; Computer keyboards; Bags specially adapted for carrying computer keyboard; Electronic sensors, namely, electric sensors and alarm sensors; Digital sensory devices, namely, proximity sensors; Computer network-attached storage (NAS) hardware; Portable hard disk drives; Apparatus for recording, transmission or reproduction of sound or images; Humanoid robots with artificial intelligence; Audio component system composed of surround sound speakers, loudspeakers, stereo tuners, sound mixers, equalizer, audio recorders, radio receivers; Computer application software for operating robots for personal and commercial use, namely, robots for cleaning homes and commercial buildings, and home networking for Internet of Things (IoT); Computer application software for operating systems for robots; Computer application software for smart phones and smart watches for controlling networked home and kitchen appliances in the internet of things (IoT); Audio receivers; Chatbot software platforms for use in instant messaging; Interactive software based on artificial intelligence for connecting, operating and managing networked home and kitchen appliances in the internet of things (IoT); Personal assistant software using artificial intelligence for use in voice recognition, natural language processing, searching the internet for traffic and weather information; Intelligent personal assistant software using artificial intelligence for recommending purchases of goods and services and purchase orders; Software for providing weather information, news, music and entertainment information based on artificial intelligence; Software for providing road itineraries, parking information and location information-based nearby convenience facilities information, namely, the location of gas stations, rest areas for travelers, and convenience stores, based on artificial intelligence; Software for making hotel, flight and restaurant reservations based on artificial intelligence; Security surveillance robots; Electric audio playback units with speakers; Intelligent personal assistant software for voice recognition and natural language processing; Set-top box



*Andrei Iancu*

Director of the United States  
Patent and Trademark Office



featuring Intelligent personal assistant software for voice recognition; Communication hubs; Computer server for home automation; Intelligent personal assistant devices comprised of voice-activated speakers, and artificial intelligence software for searching the internet for weather and traffic information, and appointment reminders; Microcontrollers for internet of things (IoT) enabled robotic machines; Indoor self-driving security surveillance robots; Robot power suits, namely, robotic, artificial exoskeleton suits worn by humans for the purpose of enhancing the strength and endurance of the person wearing the suit

CLASS 11: Air conditioners; Hot air apparatus, namely, hot-air space heating apparatus; Humidifiers; Electric dehumidifier for household use; Electric ranges; Water purifiers for household purposes; Water ionizers for household purposes; Membrane apparatus in the nature of filters for purifying water; Solar thermal collectors for heating; Household air cleaners; Ventilation air-conditioning apparatus for heating, namely, HVAC units; Light Emitting Diode lighting fixtures; Gas ranges; Electric kitchen ovens; Electric apparatus or installations for cooking, namely, cooktops; Electric refrigerators; Electric clothes dryers; Electric clothes management machines for drying clothes for household purpose; Electric clothing management machines having the functions of deodorizing, sterilizing and steaming garments for household purposes; Electric clothes drying machines with sterilization, deodorization and crease-resistant treatment functions for household purposes; Sinks

CLASS 12: Self-propelled electric vehicle; Electric vehicles, namely, land vehicles; Luggage carriers for vehicles; Motorized luggage carts; Shopping handcarts; Motorized food carts; Automatically guided transport vehicles; Self-driving cars; Self-driving delivery robots for indoor use

CLASS 35: Arranging subscriptions to telecommunication services for others; On-line advertising on computer networks; Telemarketing services; Television advertising; Sales arranging services for electric audio and visual apparatus and instruments, namely, audio and video cassette recorders, audio recorders, video tape recorders, or audio-video receivers; Brokerage services for telecommunication machines and apparatus, namely, handsets, walkie-talkies, satellite telephones and Personal Digital Assistants (PDA), mobile phones; Retail store services featuring electric lighting apparatus; Commercial intermediary services, namely, mediation of contracts for the purchase and sale of products, services related to the purchase and sale of products, selling and purchasing in the field of medical machines and apparatus; Pharmaceutical products procurement services for others, namely, purchasing pharmaceutical products for other businesses; Dissemination of advertising for others via the Internet; Advertising in newspapers; Public relations; Organization of exhibitions for commercial or advertising purposes; Marketing services, namely, conducting consumer tracking behavior research and consumer trend analysis; Advertising and marketing services provided by means of indirect methods of marketing communications, namely, social media, search engine marketing, inquiry marketing, internet marketing, mobile marketing, logging and other forms of passive, sharable or viral communications channels; Advertising agencies; Commercial intermediary services in the field of portable communications apparatus, namely, handsets, walkie-talkies, satellite telephones and personal digital assistants (PDA), mobile phones; Commercial intermediary services for refrigerating machines and apparatus; Retail store services featuring hot-water heating apparatus; On-line ordering services in the field of restaurant take-out and delivery; Providing information and advice to consumers regarding the selection of products and items to be purchased; Secretarial services using computer chatbot software for simulating conversations; Providing consumer product information via the internet to humanoid robots with artificial intelligence

CLASS 42: Research and development of home appliances; Technical research in the field of photovoltaic power generation; Computer programming, namely, providing an internet site featuring technology that allows users to remotely interact with home monitoring, control, and automation systems; Research and development of power generation by new renewable energy; Research and development of power converters, inverters and chargers for electric batteries used in new renewable energy system including photovoltaic power generation; Hosting web sites; Creating and maintaining web sites for others; Installation of computer software; Data conversion of computer programs and data, not physical conversion; Computer rental; Recovery of computer data; Computer software development; Rental of computer software; Computer software design; Maintenance of computer software; Computer systems analysis; Computer programming; Computer programming, namely, providing an

internet site featuring technology for use in home monitoring, control, and automation systems; Design and development of new products for use with artificial intelligence technology; Design and development of software for use with artificial intelligence technology; Platform as a service (PAAS) featuring chatbot software platforms for use in instant messaging

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT STYLE, SIZE OR COLOR

PRIORITY CLAIMED UNDER SEC. 44(D) ON KOREA, REPUBLIC OF APPLICATION NO. 40-2018-0102, FILED 07-25-2018, REG. NO. 1496340, DATED 07-04-2019, EXPIRES 07-04-2029

No claim is made to the exclusive right to use the following apart from the mark as shown:  
"HOME"

SER. NO. 88-105,398, FILED 09-05-2018

**REQUIREMENTS TO MAINTAIN YOUR FEDERAL TRADEMARK REGISTRATION**

**WARNING: YOUR REGISTRATION WILL BE CANCELLED IF YOU DO NOT FILE THE DOCUMENTS BELOW DURING THE SPECIFIED TIME PERIODS.**

**Requirements in the First Ten Years\***

**What and When to File:**

- **First Filing Deadline:** You must file a Declaration of Use (or Excusable Nonuse) between the 5th and 6th years after the registration date. See 15 U.S.C. §§1058, 1141k. If the declaration is accepted, the registration will continue in force for the remainder of the ten-year period, calculated from the registration date, unless cancelled by an order of the Commissioner for Trademarks or a federal court.
- **Second Filing Deadline:** You must file a Declaration of Use (or Excusable Nonuse) and an Application for Renewal between the 9th and 10th years after the registration date.\* See 15 U.S.C. §1059.

**Requirements in Successive Ten-Year Periods\***

**What and When to File:**

- You must file a Declaration of Use (or Excusable Nonuse) and an Application for Renewal between every 9th and 10th-year period, calculated from the registration date.\*

**Grace Period Filings\***

The above documents will be accepted as timely if filed within six months after the deadlines listed above with the payment of an additional fee.

**\*ATTENTION MADRID PROTOCOL REGISTRANTS:** The holder of an international registration with an extension of protection to the United States under the Madrid Protocol must timely file the Declarations of Use (or Excusable Nonuse) referenced above directly with the United States Patent and Trademark Office (USPTO). The time periods for filing are based on the U.S. registration date (not the international registration date). The deadlines and grace periods for the Declarations of Use (or Excusable Nonuse) are identical to those for nationally issued registrations. See 15 U.S.C. §§1058, 1141k. However, owners of international registrations do not file renewal applications at the USPTO. Instead, the holder must file a renewal of the underlying international registration at the International Bureau of the World Intellectual Property Organization, under Article 7 of the Madrid Protocol, before the expiration of each ten-year term of protection, calculated from the date of the international registration. See 15 U.S.C. §1141j. For more information and renewal forms for the international registration, see <http://www.wipo.int/madrid/en/>.

**NOTE: Fees and requirements for maintaining registrations are subject to change. Please check the USPTO website for further information. With the exception of renewal applications for registered extensions of protection, you can file the registration maintenance documents referenced above online at <http://www.uspto.gov>.**

**NOTE: A courtesy e-mail reminder of USPTO maintenance filing deadlines will be sent to trademark owners/holders who authorize e-mail communication and maintain a current e-mail address with the USPTO. To ensure that e-mail is authorized and your address is current, please use the Trademark Electronic Application System (TEAS) Correspondence Address and Change of Owner Address Forms available at <http://www.uspto.gov>.**