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VDE Prüf- und Zertifizierungsinstitut GmbH (GERMANY LIMITED LIABILITY COMPANY)

Merianstraße 28

Offenbach am Main, GERMANY 63069

CLASS A: Machines and apparatus for the purpose of industrial production, agriculture, forestry, mining, textile machines, construction machines, packaging machines, parts for the aforesaid machines and apparatus; machine tools, parts thereof; washing machines, dishwashers, vacuum cleaners, electric sewing machines and parts thereof; electrically operated industrial kitchen machines; portable electricity producers, namely, generators; mixers; window drives; blind drives; leaf blowers; lawn trimmers; shutter drives; gate drives; door drives; washer-dryers; destemmers; waste compactors; filling machines; catalytic converters; heel manufacturing machines; suction machines for commercial purposes; waste water vaporizers; anchor winches; motor starters; painting machines; drive machines, except for land vehicles; aeration pumps for aquaria; lifts; fleshing machines; decoring machines; acetylene cleaning apparatus; belt conveyors; tape machines; mining machines; cement mixers; bending presses; beer pressure apparatus; beer pumps; binding machines; machines for producing bitumen; sheet-metal printing machines; electric floor polishing machines and apparatus; drilling machines; brewery machines; mechanical crushers, shredders, and rammers; fuel converters for combustion engines; bread slicers; incubators for eggs; book binding apparatus and machines for industrial purposes; ironing machines; dynamo brushes; brushes being machine parts; butter churns; butter machines; steam mangles for fabrics; steam engines; steam cleaners; disintegrators; electric can openers; drainage machines; lathes; torque converters, except for land vehicles; speed controllers for machines and motors; threshing machines; printing plant presses; compressed air conveyors; compressed air machines; pneumatic pumps; compressed air spray guns for filling compounds; pressure machines; pressure regulators; pressure valves; dynamo straps; dynamos; packing machines; electric generators; electric hammers; electromechanical machines for the chemical industry; electric motors, except for land vehicles; elevators; elevators for agriculture; degreasing machines; hoppers for machines; dedusting systems for cleaning

Cole Morgan Smead

Acting Director of the United States Patent and Trademark Office



purposes; earth moving machines; water heaters; ore processing machines; labelling machines; dyeing machines; paint spray guns; filtering machines; finishing machines; bottle sealing machines; bottle washers; bottle capping machines; machines for applying sealing caps; automatically operated pulleys; braiding machines; meat grinders; hoisting apparatus for pits; hoisting machines; moulding machines; milling machines; electric fruit presses for household purposes; fodder balers; blowers for compressing, sucking in and transporting gases; compressors for inflating flexible structures; embossing machines; blowers; vegetable grating machines; electromechanical apparatus for preparing beverages; blowers for pressing, sucking in and transporting grain; grain mills; grain cleaning machines; grain husking machines; thread boring machines; thread cutting machines; glass processing machines; mechanical smoothing presses; engraving machines; taps being machine or motor parts; electric hand drills; automatically operated hand tools; automatic reels; hoisting devices; machine hoisting winches; tacking machines; planing machines; high-pressure cleaners; wood processing machines; lifting devices; mechanical coffee grinders; mechanical calendars; carding machines; notching machines; glow plugs for diesel engines; spark plugs for combustion engines; chain saws; electric glue guns; mechanical adhesive strip dispensers; kneading machines; carbon brushes for motors; mechanical compressors; compressors for cooling systems; mechanical cranes; electric kitchen machines; electric universal kitchen machines; coolers for motors; mechanical cultivators; clutches, except for land vehicles; coupling connectors, except for land vehicles; mechanical shaft couplings; loading apparatus; derricks; loading bridges; mechanical agricultural devices; agricultural machines; travelling cranes; leather processing machines; leather sanding machines; hole punching machines; electric soldering apparatus; mechanical air pumps; magnetos; magnetos for motors; mechanical mangles and wringers; industrial manipulators; machines for the textile industry; machine and motor housings; machine housings; material hoists; electric chisels; electric chiselling machines; milking machines; electric knives; blade grinding machines; metal processing machines; milk centrifuges; mixing machines; mechanical mixers; electric mixers for household purposes; dairy machinery; motors, except for land vehicles; mechanical milling machines; mechanical mills for household purposes; milling machines; waste shredders; electromechanical apparatus for preparing food; riveting machines; emergency electricity aggregates and emergency power generators; paper manufacturing machines; paper machines; mechanical pepper mills; electric polishing machines and devices; embossing machines; electric fruit presses; mechanical presses for commercial purposes; mechanical pumps; pumps for heating systems; lawn mowers; grass turf cutters; fabric patterning machines; electric cleaning machines and devices; straightening machines; robots; escalators; rotary printing machines; beet cutting machines; electric stirring devices; stirring machines; power saws; seed drills; satining machines; suction fans; hemming machines; peeling machines; electric machines and devices for shampooing carpets and carpeted floors; sharpening machines; electric shears; shearing machines; beating machines; automatic hose reels; grinding machines; blacksmith's bellows; bellows employed in forges; lubrication pumps; electric whisks for household use; snow ploughs; cutting machines; machines for manufacturing strings; mechanical coal or rock cutters; electric shoe polishing machines; electric welding machines; flywheels for machines; mechanical separators; typesetting machines; typesetting machines for photographs; sieve systems; sieving machines; sealing machines for commercial use; sorting machines for industrial use; spinning mill machinery; spinning machines; machines for producing lace; dishwashers; mechanical rammers; mechanical crushers; mechanical shredders; stators being machine parts; vacuum cleaning systems for cleaning purposes; stamping machines; control devices for machines or motors; tamping machines; knitting machines; straw choppers; electricity generators; * electricity generators, namely, solar energy modules, solar equipment and solar energy converters; * tobacco processing machines; machines for producing pasta; dividing machines; animal clippers; potter's wheels; transmission bearings; conveyor belts; spin dryers; typographic machines; typographic presses; superheaters; weeding machines; reduction gears, except for land vehicles; vacuum pumps; ventilators for motors; ignition devices for combustion engines; carburetors; corking machines for bottles; packing and wrapping machines; mechanical vibrators for industrial purposes;

electric curtain drives; pre-compressors; vulcanizing apparatus; machine jacks; wagon lifts; mechanical rolling mills; washing systems for vehicles; washing apparatus; coin operated washing machines; water turbines; mechanical looms; alternators; tools being machine parts; machine tools; winches; mechanical winches for fishing; dough dividing and moulding machines; wringers for laundry; sausage machines; couplings and devices for power transmission; mechanical agricultural devices; vending machines; wet vacuum cleaners; spin dryers; floor treatment and wet scrubbing machines; kitchen machines; crushers of food waste; motor compressors; pumps; ironing machines and ironing presses; stationary circulation pumps for heating and service water installations; surface-cleaning appliances employing liquids or steam; electric dishwashers for commercial use; electric kitchen machines for commercial use; floor treatment and floor cleaning machines for commercial use; spray extraction machines for commercial use; wet and dry vacuum cleaners including power brushes for commercial use; dispensing appliances and vending machines; electric lawn mowers; high-pressure cleaners; steam cleaners; personal service machines and entertainment machines, namely, automatic vending machines, drink dispensers, automatic bottle return machines, postal processing machines; hand-held lawn trimmers and lawn edge trimmers; hand-held mains-operated lawn scarifiers and lawn aerators; mains-operated shredders, mills and chippers; electric grass shears with shear blades; electric hedge trimmers; hand-held mains-operated lawn blowers and suckers; drives for gates, doors and windows; battery-operated robotic lawn mowers; fans and related control units being parts of machines; hammer drills; electric screwdrivers and impact wrenches; electric sanders, disc-type polishers and sanders; circular saws; hammers being machine parts; spray guns; mechanical sheet metal cutters and nibblers; mechanical thread cutting tools; reciprocating saws; jig and sabre saws; internal vibrators as machine parts; mechanical planing tools; electric tackers and electric fastener driving tools; routers and laminate trimmers; electric strapping tools; biscuit jointers; band saws; electric pipe cleaning apparatus; parting-off grinders; axial grinders and rotating small tools; transportable motor-operated electric tools; circular bench saws; bench grinders; diamond drills with water supply; single spindle vertical moulding machines; mitre saws; combined bench and mitre saws; dispensers; self-regulating fuel pumps; fuel pumps for filling stations; arc cutting devices; arc welding devices; electric soldering irons; welding electrodes; electric welding machines; electric welding machines for plastic packagings; electric door openers; electric door closers; electric pumps for use with aquaria and garden ponds; galvanization apparatus; galvanometers; fog machines; Hand operated tools and implements; cutlery; forks and spoons; side arms; razors; hair clippers and similar devices; electric appliances for skin and hair care, in particular curling tongs, depilation appliances, hair straighteners, electric nail files, electric water apparatus for cleaning teeth and gums, electric manicure and pedicure apparatus, electric appliances for microdermabrasion; electrolysis appliances for hair depilation; hand-pumped sprayers; electric flat irons; electrically heated hair crimping apparatus; electric animal stunning equipment; UV or infrared radiation apparatus for cosmetic treatment of the skin, in particular tanning equipment, apparatus for treatment of scars and pigment blemishes, tattoo removal equipment; equipment for heating liquids; Electrical junction boxes; adding machines; aerometers; electric accumulators; electric accumulators for vehicles; accumulator containers; accumulator boxes; alarm devices; acoustic alarm devices; electric alarm bells; alarm whistles; alcohol meters; amperemeters; galvanometers; analytical instruments; not for medical purposes; anemometers; electrical armatures; starter cables for motors; anodes; anode batteries; answering machines; electricity sockets; electrical connection boxes; electric connecting parts; connecting parts for electric lines; antennas; anti-cathodes; electric display devices; optical apertometers; apparatus and systems for generating X-rays; apparatus and instruments for astronomy; apparatus and instruments for heavy-current engineering and weak-current engineering; in particular in the field of transmission; conversion; storage; control and regulation; including cables; lines and wires; switchboards; sockets; plugs and connectors; apparatus and instruments for conducting; switching; transforming; accumulating; regulating and controlling electricity; in particular cables and wires; plugs and connectors; battery chargers; electric fence devices; supply track systems for lights; control units; ballasts for lamps; DC or AC supplied electronic step-down converters for filament lamps; apparatus for

recording distances; apparatus for measuring coat thickness; apparatus for transfilling oxygen; apparatus for measuring leather thickness; apparatus for ensuring rail transport; breathing apparatus except for artificial respiration; breathing apparatus for diving; breathing masks except for artificial respiration; radio audions; data and data processing programs stored on data carriers; electric lift controls; balancing machines; automatic control devices for vehicles; azimuthal instruments; barometers; electric batteries; battery-powered electronic control apparatus for emergency lighting; electronic modules for lights and LED modules; glow-starters for fluorescent lamps; transformers; LED modules; installations with electron guns; electron accelerators; ultrasound equipment not for the medical industry; electric power supplies and transformers; voltage testers; semi-conductor elements; electronics components; equipment for equipotential bonding; galvanic cells and batteries; implosion-proof picture tubes; condensers; optoelectronic coupling elements; installation units for underfloor electric installations; installation transformers and other electrotechnical installation parts; fault voltage safety switches; fault current safety devices; fault current safety switches with excess current release devices; connector cables for equipment; equipment switches; equipment safety switches; equipment safety fuses; appliance couplings; mains cable branch clamps; installation boxes; small distribution boards; installation switches; insulators; cables and insulated conduits for power plants and communications installations; cable carrier systems; circuit breakers; low-voltage fuses; electric regulating and control apparatus for household purposes; switch-fuse units; contactors for house installations; connectors for electric installations; electric plug and socket connections for household and industrial purposes; electric temperature fuses; electric connecting material; electric extension cables for household purposes; electric meter panels; electric and electronic components; electricity limiters; clothing for protection against accidents, radiation and fire; exposure meters; observation instruments; betatrons; electric earth electrodes; earthing rods and electric circuit breakers; facsimile apparatus; videophones; galena detectors; indicators being light signals; lightning conductors; flashlights for photography; flash lamps for photography; stamp counting devices; letter scales; eyeglass glare protection; weighbridges; incubators for bacterial cultures; booking machines; CD players; CDs; DVDs and other digital recording media; chips, namely, integrated circuits; chromatographic instruments for laboratory purposes; chronographs; data processing encoders; blank compact discs; prerecorded compact discs featuring sound and images; recorded or downloadable computer software; computers; cable management systems consisting of pipes and pipe accessories for the protection and management of insulated conductors and / or cables in electrical or communications installations, and covers for electrical installation equipment intended for domestic use and similar stationary electrical installations; covers for electrical installation apparatus intended for household and similar fixed electrical installations; recorded computer operating programs; computer peripherals; recorded computer programs; recorded computer software; computer keyboards; data processing equipment; decompression chambers; densitometers; detectors; diagnostic equipment not for medical purposes; slide projectors; electric theft alarm systems; theft alarm devices; diffraction apparatus for microscopy; dictating apparatus; dimmers being light regulators; alidades; disks; disk drives for computers; dosing devices; wires made of metal alloys for electrical fuses; Automatic access control systems, namely, turnstiles; tachometers; inductors; printers for computers; pressure gauges; recording manometers; automatic pressure loss indicators for vehicle tires; darkroom lamps for photography; dynamometers; egg candling lamps; electrically operated electronic entertainment apparatus, namely, audiovideo, information and communication technology devices marketed as end products; electrical systems for the remote control of industrial processes; electric measuring equipment; electric and electronic household and office apparatus, namely, printers; scanner-copiers; document shredders; telephones; dictating apparatus; keyboards; computer mice; electric wires; electric cables; electric capacitors; electrolyzers; electromagnetic coils; electronic display panels; electronic pens for visual display units; electric and electronic apparatus for data processing; data-processing machines and visual display units; receivers for sound and images; range finders; telemeters; distance measuring devices; electric discharge tubes not for illumination purposes; demagnetization devices for magnetic tapes; suppressors for electricity;

epidiascopes; ergometers; experimental ovens for laboratories; thread counters; ticket vending machines; tachographs for vehicles; billing machines; counterfeit detectors; telecommunications and telephone equipment; remote switches; teleprinters; television sets; telephones; remote control devices for railway switches; remote control equipment; electric remote ignition devices; fire extinguishers; fire alarms; film cameras; film cutting equipment; fluorescent screens; frequency meters; radio receivers; radio interference filters; radio masts; radio sets; radiotelegraphy devices; galvanic elements; galvanic cells; electroforming apparatus; fermentation apparatus for laboratory use; gas, oil and solid-fuel regulation devices having electrical connections; gas analysers; gasometers; printed circuit boards; automated teller machines (ATM); coin changers; coin-operated mechanisms for television sets; money counting and cash sorting machines; apparatus for recording; transmission and reproduction of sound and images; in particular radio receivers; tape; CD and data recording devices; television sets; equipment for high frequency generation; speed indicators; speed control devices for vehicles; speedometers for photography equipment; speed regulators for record players; protective visors for workers; grids for electric accumulators; glass with electrically conductive coating; semiconductors; halometers; retainers for electric coils; high frequency equipment; altimeters; holograms; hydrometers; hygrometers; magnetic identification cards; electricity inductors; user interface devices or programs for computers; ionization devices not for air treatment; cable ducts for electric cables; cable marker threads for electric cables; cable marker sheaths for electric cables; electric cable clamps; cable sheaths for electric cables; calipers being measuring instruments; calibration rings; cassette players; cathodes; boiler control devices; electricity switchboards; optical character readers for data processing; electricity terminals; bell buttons; bells for alarm systems; clinometers; electric collectors; comparators; compasses; electric contacts; electric contacts being made of precious metals; electric control apparatus; acoustic couplers ; data processing couplers; cosmographic instruments; fuel gauges; insulated copper wire; electric couplings; chargers for electric accumulators; lactodensimeters; lactometers; optical lamps; land surveying instruments; laptop computers; lasers not for medical purposes; loudspeakers; loudspeaker boxes; gauges being measuring instruments; electrical conductors; electrical conduits; reading devices for data processing; light buoys; luminous signs; light-conducting filaments being fiber optics; blueprinting machines; heliography machines; light intensity measuring devices; punch card office machines; logs; sounding devices and machines; air analysis devices; magnetic data media; records; magnetic tapes; magnetic tape devices for data processing; magnetic data carriers; magnetic wires; magnets; magnetic cards; magnetic plates; manometers; marker buoys; masks for welders; wires and cables for electric lines; material control instruments and machines; mathematical instruments; computer mice; mechanisms for coin-operated apparatus; megaphones; flow meters; measuring devices; electric measuring devices; measuring instruments; metal detectors for commercial or military purposes; meteorological balloons; meteorological instruments; metronomes; micrometers; microphones; microprocessors; microscopes; microtomes; modems; monitors for computers; recorded computer program monitors; mounting devices for cinematographic films; coin-operated music machines; food analysis devices; navigational instruments; fog signals; clinometers; neon tubes for advertising; levelling instruments; verniers; notebook computers; lenses for astrophotography; ohmmeters; optical apparatus and instruments; optical data carriers; blank optical disks for data processing; oscillographs; ozonisation apparatus; parking meters; pedometers; cameras; photo elements; photocopiers; photographic, electrostatic, and thermal photometers; physical apparatus and instruments; planimeters; plates for electric accumulators; record players; disk changers got data processing equipment; polarimeters; precision measuring instruments; precision balances; projectors; projection screens; pyrometers; mercury levels; radar devices; radiological apparatus for commercial use; radios; radios for vehicles; framing devices for diapositives; smoke detectors; calculating machines; refractometers; refractors; cash registers; hardware for data processing; cleaning tapes for recording heads; cleaning devices for records; electric relays; lifebuoys; life-saving devices; rheostats; measuring instruments in the nature of levels; X-ray machines not for medical purposes; X-ray tubes not for medical purposes; cathodic corrosion protection devices; saccharimeters; salt weighing

machines; satellites for scientific purposes; satining devices for photographs; acidimeters; acidimeters for accumulators; computer scanners; sound conductors; sonic membranes; sound measuring instruments; switch connection panels; switches; switches being circuit breakers; electric switching devices; integrated circuits; electricity control panels; electricity switchboards; nautical compasses; ship signalling systems; electric locks; fuses; crucibles; steelyard scales; coin- operated mechanisms for opening car park barriers; protective gloves against X-rays for commercial use; protective helmets; protective masks; protective devices against X-rays, not for medical purposes; telecommunications transmitters; transmitters of electronic signals; luminescent or mechanical signaling systems; signal buoys; signal remote control devices; signal bells; signal lanterns; signal whistles; luminescent or mechanical signal boards; silicon wafers for integrated circuits; simulators for steering and controlling vehicles; sirens; smart cards with integrated circuits; sonars; probes for scientific purposes; solar batteries; voltage boosters; voltage regulators for vehicles; storage for data processing systems; spectrographs; spectrosopes; spherometers; electric coils; coils for photography; time clocks; stereoscopes; stereoscopic devices; radiometers; luminescent or mechanical street boundary posts; bar code readers; current rectifiers; power lines; busbars for headlights; circuit closers; galvanometers; circuit breakers; power loss indicators; current transformers; commutators; sulfotometers; electric buzzers; speedometers; torch batteries; calculators; electronic pocket translators; diving apparatus; diving gloves; taximeters; particle accelerators; parts of the aforementioned goods; telegraph wires; telegraphy devices; telephones; telephone wires; telephone receivers; telephonic transmission apparatus; teleprompters; temperature indicators; electronic diaries; text processing devices; theodolites; thermion lamps; thermometers not for medical purposes; thermostats; thermostats for vehicles; sound recorders; tape recorders; sound measuring devices; sound carriers; sound transmission devices; sound amplifiers; sound reproducing apparatus; electronic calculators; electric transformers; transistors; desiccators for photographs; door viewers; electric doorbells; electronic surveillance apparatus; shoes for protection against accidents, radiation; and fire; accident protection gloves; accident prevention clothing for personal use; electronic teaching apparatus; audiovisual teaching apparatus; urometers; vacuometers; vacuum tubes for wireless telegraphy and telephony; variometers; connecting sleeves for electric cables; electricity connecting components; enlargers for photography; measuring apparatus and instruments; amplifier tubes or amplifier lamps; electricity distribution boxes; electricity distribution panels; blank videotapes; video cameras; blank video cassettes, video recorders; video screens; blank video game cassettes; viscometers; voltmeters; scales; weighing apparatus and instruments; weighing machines; voting machines; heat control devices; water level indicators; intercom devices; wavemeters; wind gauges; protractors; scientific, nautical, surveying, photographic, cinematographic, optical, weighing, measuring, signaling, checking, life-saving and teaching apparatus and instruments, namely, testing and sampling apparatus; projection and photo-optical apparatus; radio interference suppressors; electronic timers; ignition batteries; regulators for stage lightings; ballasts for LED modules; ballasts for filament lamps; LED displays; Surgical, medical, dental and veterinary apparatus and instruments; appliances for skin exposure to ultraviolet and infrared radiation; massage apparatus; medical oral care apparatus; devices for water treatment by UV radiation for medical purposes; radiation protection in diagnostic X-ray equipment; high-frequency surgical apparatus; short-wave therapy equipment; defibrillators; ultrasound apparatus and ultrasound physiotherapy apparatus; microwave therapy apparatus; therapeutic X-ray equipment; nerve and muscle stimulators; Integrated system for radiation safety of gamma irradiation facilities; anaesthesia systems; haemodialysis, haemodiafiltration and haemofiltration equipment; remote controlled and automatically controlled afterloading devices for brachytherapy; endoscopic equipment; baby incubators; transport incubators; infant radiant warmers; diagnostic and therapeutic laser equipment; surgical, therapeutic and diagnostic laser equipment; laser devices for medical use; transcutaneous partial pressure monitoring equipment; Integrated systems for the safe use and operation of infusion pumps and infusion controllers; electrocardiographs; electroencephalographs; electrocardiographic monitoring equipment; X-ray emitters for medical diagnostics; radiotherapy simulators; automated, non- invasive

sphygmotensimeters; external pacemakers with an internal power source; magnetic resonance equipment for medical diagnostics; invasive blood pressure monitoring equipment; blankets, mats and mattresses for warming patients for medical use; equipment for extracorporeally induced lithotripsy; ultrasound equipment for medical diagnostics and monitoring; peritoneal dialysis equipment; electromyograms and evoked response equipment; operating lights and examination lights; X-ray equipment for interventional procedures; X-ray equipment for computer tomography; mammographic X-ray equipment and mammographic stereotaxic devices; operating tables; ambulatory electrocardiographic systems; multifunctional patient monitoring equipment; infant phototherapy equipment; recording and analyzing single-channel and multichannel electrocardiographs; medical beds; X-ray equipment for radiography and radioscopy; respiratory gas monitors; Medical devices with non-laser light sources for use in therapy, diagnosis, monitoring and for cosmetic and aesthetic purposes; lens extraction apparatus and apparatus for extraction of vitreous bodies in ophthalmic surgery; thermal imaging cameras for screening human beings for medical purposes; dental equipment; high-intensive therapeutic ultrasound systems (HITU systems); extraoral and intraoral dental X-ray equipment; hearing aids and hearing aid systems; X-ray based equipment for image- controlled radiation therapy for use with electron accelerators; light-ion radiotherapy systems and radionuclide radiotherapy systems; cardiac pacemakers; implantable devices for active medical treatment of tachyarrhythmia; implantable defibrillators; cochlear implant systems and auditory brainstem implant systems; active implantable medical devices; implantable neurostimulators; implantable infusion pumps; circulatory support systems, namely, defibrillators and respiratory systems; medical device software; electromedical bathing facilities; crank ergometers; medical thermometers for taking body temperature; medical products in extracorporeal kidney replacement therapy, namely, dialysis machines; physiotherapy systems; dental chairs; artificial limbs; artificial eyes; artificial teeth; orthopaedic articles; suture materials; Irrigation machines for agriculture; electrically heatable socks; electric illuminants; extractor hoods for use in kitchens; systems for processing nuclear fuels and nuclear reaction inhibitors; apparatus for hot air baths; aquarium lights; automatic watering devices; heated gullies for roof drainage; heated carpets and heating systems for room heating installed under removable floor coverings; apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes; built-in floor lights; steam generators without machine parts; fabric steamers; range hoods; instantaneous water heaters; recessed lights; electrically operated heating elements for heating and melting glass; electrically operated lighting apparatus; fitted signal lights; fans for air conditioning; electrically operated heat pumps, air conditioning apparatus and air humidifiers and dehumidifiers; electrical resistance trace heating systems for industrial and commercial use; electric pressure cookers; electric coffee filtering devices; electric shut-off valves for connection to water supply systems; electric flow water heaters; electric light bulbs; electric circulating hot air ovens; steaming apparatus and combi- steamers for commercial use; electric radiators; electric rinsing sinks for commercial use; electrical resistance trace heating systems for industrial and commercial use; electric drum dryers for commercial use; electric warming devices for commercial use; electrosag remelting furnaces; electric fans for personal use; electrical heating appliances for breeding and rearing animals; discharge lamps; electric discharge tubes for lighting purposes; desalination plants; bicycle lights; vehicle reflectors; vehicle headlights; electric lamp sockets; filters for domestic or industrial installations; filtering apparatus for aquaria; electric surface heating elements; styling lamps; electric deep fat fryers; deep frying equipment; electrically heated footmuffs; footwarmers; footwarmers and heating mats; feedstuff steamers; gas filters and purifiers; refrigerators; freezers; industrial apparatus for recovery and treatment of coolants in air conditioning and refrigerating installations; facial steam baths; capped fluorescent lamps; drink refrigerators; annealing furnaces and kilns; filaments for electric lamps; incandescent lamps for household use and similar general lighting purposes; kitchen appliances, namely; cooking grills with revolving spit; miner's lamps; hairdryers; halogen light bulbs; electric hand-held lights not for photographic uses; hand dryers for washrooms; luminescent house numbers; hot air devices; heated blankets not for medical purposes; electric filaments for heating; electric

heating devices; heating devices for aquaria; boilers; heating pillows not for medical purposes; fan heaters; radiators; heaters; heating systems; heating systems for vehicles; cookers, hobs, baking and roasting ovens; channel induction furnaces and crucible induction furnaces; induction and conduction heating installations and induction melting installations; industrial electroheat installations; industrial furnaces; infrared and ultraviolet emitters; ionization devices for treatment of air or water; ionization apparatus for air treatment; electric yogurt makers; electric coffee machines; electric coffee percolators; coffee roasting machines; fireplaces and ovens; nuclear reactors; heated towel rails; electric tumble dryers; air conditioning systems; air conditioning systems for vehicles; air conditioners; cooking apparatus and systems; cookers; electric cooking devices; hotplates; carbon for arc lamps; chandeliers; kitchen stoves; refrigerators and freezers; cooling systems for liquids; cooling systems for tobacco; cooling systems and machines; cooling apparatus and systems; cooling apparatus and machines; cooling containers; cooling vessels for ovens; cooling devices; cold storage rooms; refrigerators; laboratory lamps; lamps, immersion heaters; electric lamps; lamps for direction indicators of vehicles; lamps with in-built ballast; lamp sockets; lamp glasses; incandescent mantles; lamp orbs; lampshades; lampshade holders; lanterns for illumination; LED lamps with and without in-built ballast; LED lamps; glue heaters; stage lights, lights for television, film and photography studios; lights for vehicles; emergency lighting lamps; lights for tubular cold cathode discharge lamps; lighting for swimming pools and similar applications; lamps for road and street lighting; lights with limited surface temperature; lights with built-in transformers for filament lamps; lights for use in clinical areas of hospitals and health care buildings; fluorescent tubes for lighting purposes; fluorescent induction lamps; arc furnace installations; electric arc reduction furnaces; electric arc melting furnaces; light chains; light chains for festive decoration; light distributors; air deodorization devices; air heaters; air filters; air filter systems; air-handling lights; air cleaning apparatus and machines; air cleaning devices; air cleaning lights with germicidal effect; spa baths; air sterilizers; air dryers; ventilation systems for vehicles; ventilation devices, namely, air conditioners; magnesium wires for illumination; malt roasting machines; drying machines; microwave cooking ranges and combination microwave ovens; milk cooling systems; mixer taps for water pipes; mobile cooking utensils, in particular grills, toasters, hot plates; electric multi-purpose cooking and frying pans for commercial use; nosepieces for mixer taps; power-socket night lights; low-voltage halogen lamps; level control valves for tanks; emergency lighting with single batteries; fixed heating inserts; fixed general-purpose lights; portable garden lights; portable general-purpose lights; portable lights for children; portable immersion heaters; pasteurization machines; photo and film luminaires; polymerization facilities; projector lamps; space heaters for rooms; reflector lamps; control and safety accessories for water devices; control accessories for water or gas appliances as well as for water or gas pipes; pipes as parts of sanitary facilities; roasters; sanitary apparatus and facilities; sauna facilities; sauna heaters; window heaters for vehicles; headlights; headlights for vehicles; safety lamps; safety accessories for water or gas appliances as well as for water or gas pipes; solar ovens; solar energy storage for heating; electric storage heating devices; ice cream and ice makers; fluorescent tubes for insect killing apparatus; fountains; spa bath apparatus and spa baths, floor lamps; street lamps; sterilizers; tobacco roasters; plate warmers; thermostatic valves for heating systems; lavatories; drinking water filters; drying facilities; drying apparatus and facilities; ultraviolet lamps not for medical purposes; fans as air conditioners; incinerators; vaporizers; vaporizing devices; waffle irons, electric; heat pumps; heat recuperators; thermal stores; electric overblankets; electric underblankets; heating pillows; clothing and similar flexible heating appliances; hotplates; water heaters; hot water devices; hot water heating systems; tumble dryers; electric tumble dryers; waterbed heaters; water heaters; water filtering apparatus; electric boilers; water cooling installations; water purification facilities; water purification devices and machines; water sterilization apparatus; spa bath bubblers; heat reservoirs for hot water heating, air heating and vehicle cabin heaters; accessories for fluorescent tube installations insofar as they are included in this class; heat guns; Shredders, franking machines, electric typewriters; Insulating tapes, in particular for electrotechnical applications

OWNER OF EUROPEAN UNION , REG. NO. 017993014, DATED 06-16-2020,
EXPIRES 06-16-2030

The mark consists of the letters "VDE" surrounded by a triangle with a rectangle attached.

The certification mark, as used or intended to be used by persons authorized by the certifier, certifies or is intended to certify that the goods manufactured have complied to the certifiers standards with respect to safety and performance.

SER. NO. 88-705,386, FILED 11-25-2019

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>.