

## **Patents Granted to CEERI/CSIR, Pilani**

- HIGH CURRENT MEASURING DEVICE FOR DIRECT AND ALTERNATING CURRENT POWER CIRCUITS WITH COMPLETE ISOLATION
- AN ELECTRON EMMITTING DEVICE FOR HIGH RESOLUTION ELECTRON OPTICAL INSTRUMENTS
- A PROCESS FOR THE MANUFACTURE OF SPUTTERING TARGETS OF CERAMIC COMPOUNDS USEFUL FOR THE PREPARATION OF HIGH TEMPERATURE SUPERCONDUCTING THIN FILMS
- AN APPARATUS FOR PRODUCING EXTREMELY FINE TIPS OF EDECTRODYTICALLY ETCHABLE MATERIALS
- A DEVICE FOR ON-LINE SENSING, MONITORING AND DISPLAY OF LEVEL OF INDUSTRIAL CONDUCTING LIQUIDS AND SLURRIES WITH CURRENT LOOP INTERFACE
- AN IMPROVED PROCESS FOR THE TEXTURIZATION OF SUBSTRATE SURFACES
- EQUIPMENT FOR TIME SHARING OF SINGLE AC MOTOR SOFT STARTER WITH MORE NUMBER OF AC MOTORS
- AN ELECTRONIC DEVICE FOR HIGH SPEED PEER TO PEER DATA COMMUNICATION
- AN IMPROVED PROCESS FOR THE PRODUCTION OF STEAM BY BURNING BAGASSE
- AN IMPROVED PROCESS FOR IMPREGNATION OF ACTIVE EMISSIVE COMPOUND INTO SINTERED POROUS TUNGSTEN MATRIX CATHODE PELLET
- A DEVICE USEFUL FOR INTERFACING A TIME SEGMENTED SPEECH INTERPOSITION SCRAMBLER AND A COMMUNICATION CHANNEL AND A VOICE SCRAMBLING COMMUNICATION SYSTEM INCORPORATING THE SAID DEVICE
- AN IMPROVED PROCESS OF FABRICATING PACKAGES FOR MICRO AND MM-WAVE INJECTION CONTROLLED TRANSIT TIME EFFECT SEMICONDUCTOR DEVICES
- AN IMPROVED PROCESS FOR THE PRODUCTION OF HIGH FREQUENCY SEMICONDUCTOR DEVICES

- AN IMPROVED PROCESS FOR SELECTIVE ELECTROPLATING OF NOBLE METALS IN FABRICATION OF HEATSINK FOR HIGH FREQUENCY INJECTION CONTROLLED TRANSIT TIME EFFECT SEMICONDUCTOR DEVICES
- AN IMPROVED PROCESS OF CONTROLLED THINNING OF SEMICONDUCTOR WAFER DURING FABRICATION OF MICRO AND MM-WAVE INJECTION CONTROLLED TRANSIT TIME EFFECT SEMICONDUCTOR DEVICES
- AN ANALOG CURRENT CONTROL SIGNAL TRANSMISSION SYSTEM FOR CONTROLLING STEPPER MOTOR OPERATED CONTROL VALVE PLUG POSITION
- AN IMPROVED PROCESS FOR THE PREPARATION OF THIN SUPERCONDUCTING FILMS OF CERAMIC OXIDES
- A CERAMIC COMPOSITION USEFUL IN THE FABRICATION OF ZIRCONIA CELLS
- A DEVICE USEFUL FOR SCARING BIRDS
- A CERAMIC COMPOSITION USEFUL FOR CATAPHORETIC COATING OF FILAMENTS/HEATERS USED IN VACUUM TUBES
- AN IMPROVED PROCESS FOR THE PREPARATION OF SILICON WAFER CONTAINING TUNGSTEN SILICIDE FILM USEFUL FOR MAKING INTEGRATED CIRCUITS AND RELATED DEVICES
- A NOVEL PROCESS OF FABRICATING MILLIMETRE WAVE INJECTION CONTROLLED TRANSIT TIME EFFECT SEMICONDUCTOR DEVICES
- AN IMPROVED PROCESS FOR FABRICATION OF METAL GRIDS USED IN ELECTRON TUBES
- AN IMPROVED PROCESS FOR FABRICATION OF SILICON VARACTOR DIODES USEFUL FOR ELECTRONIC TUNNING APPLICATIONS
- A PROCESS FOR THE MANUFACTURE OF ELECTRONIC DEVICES SUCH AS HYBRID MICROCIRCUITS PRINTED CIRCUIT BOARDS AND PASSIVE COMPONENTS
- AN ELECTRONIC DEVICE USEFUL FOR MEASURING THREE DIMENSIONAL MODEL AND GROUND COORDINATES FROM STEREO PHOTOGRAMMATIC INSTRUMENTS
- A DEVICE USEFUL FOR AUTOMATIC SULPHUR BURNER CONTROL

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