

# 專利 Patents

| 專利名稱<br>Title                                                                                               | 案別<br>Type      | 國別<br>Country  | 證書號<br>Patent Number | 專利權有效期間<br>Duration of Patent Right |
|-------------------------------------------------------------------------------------------------------------|-----------------|----------------|----------------------|-------------------------------------|
| 電化學加工裝置及加工方法及其電極單元<br>Electrochemical Machining Device And Machining Method And Electrode Unit Thereof      | 發明<br>Invention | 中華民國<br>ROC    | I395626              | 1020511-1181217                     |
| 電化學加工裝置及加工方法及其電極單元<br>Electrochemical Machining Device And Machining Method And Electrode Unit Thereof      | 發明<br>Invention | 中華人民共和國<br>PRC | ZL200910261341.3     | 981221-1181221                      |
| 多波長偏光全像量測系統及測量方法<br>Multi-Wavelength Polarized Holography Measurement System And Measurement Method Thereof | 發明<br>Invention | 中華民國<br>ROC    | I393871              | 1020421-1181230                     |
| 電化學加工設備及加工方法及其電極單元<br>Electrochemical Machining Device And Machining Method And Electrode Unit Thereof      | 發明<br>Invention | 中華民國<br>ROC    | I387499              | 1020301-1181223                     |
| 旋轉式換刀之物件加工裝置<br>Processing Device For Rotary Changing Tool                                                  | 發明<br>Invention | 中華民國<br>ROC    | I397452              | 1020601-1181230                     |
| 熱電式主軸滾珠套件預壓調整裝置<br>Pre-Pressure Adjustment Apparatus Of An Electrothermal Spindle Ball Module               | 發明<br>Invention | 中華民國<br>ROC    | I385317              | 1020211-1181230                     |
| 量測校準裝置及其輔助台座<br>Measurement Calibration Device And Auxiliary Stand Thereof                                  | 發明<br>Invention | 中華民國<br>ROC    | I386275              | 1020221-1181217                     |
| 軸體組裝裝置與組裝方法<br>Mounting Device And Mounting Method For Shaft                                                | 發明<br>Invention | 中華民國<br>ROC    | I383858              | 1020201-1181206                     |
| 旋轉式車門開閉裝置<br>Rotary Type Vehicle Door Opening/Closing Apparatus                                             | 發明<br>Invention | 中華民國<br>ROC    | I386322              | 1020221-1181214                     |
| 鈦人工植體之表面處理方法<br>Surface Treating Method For Titanium Artificial Implant                                     | 發明<br>Invention | 中華民國<br>ROC    | I385004              | 1020211-1181130                     |
| 水解纖維素系統及方法<br>System And Method For Hydrolyzing Cellulose                                                   | 發明<br>Invention | 中華民國<br>ROC    | I400248              | 1020701-1181228                     |
| 複合式馬達散熱系統<br>Fluid Cooled Electric Motor                                                                    | 發明<br>Invention | 中華民國<br>ROC    | I404307              | 1020801-1181122                     |
| 電動機之散熱裝置<br>Heat Dissipating Device Of An Electromotor                                                      | 發明<br>Invention | 美國<br>USA      | US8,466,588B2        | 1020618-1200705                     |
| 交通工具及其自動換檔機構<br>Vehicle And Auto Gearshift Mechanism Thereof                                                | 發明<br>Invention | 中華民國<br>ROC    | I408065              | 1020911-1190705                     |
| 構件之複合式接合方法及其接合結構<br>Composite Elements Engaging Methods And Its Engagement Structural                       | 發明<br>Invention | 中華民國<br>ROC    | I414379              | 1021111-1191129                     |
| 電動車底盤及車體<br>Electric Vehicle Chassis And Its Body                                                           | 發明<br>Invention | 中華民國<br>ROC    | I409188              | 1020921-1191129                     |
| 車用電池模組嵌合機構<br>Blending Structural Of The Car Battery Module                                                 | 發明<br>Invention | 中華民國<br>ROC    | I386560              | 1020221-1190816                     |
| U型金屬管架之成型製作方法<br>Method Of Forming And Manufacturing U-Shaped Metal Tube Support Frame                      | 發明<br>Invention | 中華民國<br>ROC    | I393599              | 1020421-1181028                     |
| 三維空間座標量測裝置及其方法<br>Three-Dimensional Space Measurement Of Coordinates Apparatus And Method Thereof           | 發明<br>Invention | 中華民國<br>ROC    | I393853              | 1020421-1181228                     |

| 專利名稱<br>Title                                                                                                                 | 案別<br>Type      | 國別<br>Country  | 證書號<br>Patent Number | 專利權有效期間<br>Duration of Patent Right |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|----------------------|-------------------------------------|
| 承載平台<br>Bearing Platform                                                                                                      | 發明<br>Invention | 中華民國<br>ROC    | I410570              | 1021001-1191230                     |
| 熱交換裝置<br>Heat Exchange Apparatus                                                                                              | 發明<br>Invention | 中華民國<br>ROC    | I409423              | 1020921-1191010                     |
| 鐵金屬基材之氮化處理方法<br>Nitrogen Treatment For Iron-Based Material                                                                    | 發明<br>Invention | 中華民國<br>ROC    | I385278              | 1020211-1161216                     |
| 電化學加工裝置及其加工方法<br>Electro-Chemical Machining Device And Machining Method Thereof                                               | 發明<br>Invention | 中華民國<br>ROC    | I383853              | 1020201-1171023                     |
| 真空滾鍍機及用於真空滾鍍機之蒸鍍裝置<br>Vacuum Barrel Plating Machine And Evaporating Apparatus For Use In The Same                             | 發明<br>Invention | 中華民國<br>ROC    | I400344              | 1020701-1170901                     |
| 兩段式上下板影像精密對位方法及其裝置<br>Two-Stage Upper/Lower Plate Image Precision Registration Method And Its Device                          | 發明<br>Invention | 中華民國<br>ROC    | I388945              | 1020311-1171001                     |
| 永磁式電機之轉子結構及其製造方法<br>Rotor Structure For Permanent-Magnet Machines And Manufacture Method Thereof                              | 發明<br>Invention | 中華民國<br>ROC    | I385899              | 1020211-1171224                     |
| 膨脹軸<br>Expansion Axle                                                                                                         | 發明<br>Invention | 中華人民共和國<br>PRC | ZL201010000118.6     | 1020828-1190104                     |
| 輔助配重壓力裝置<br>Auxiliary Counterweight Pressure Device                                                                           | 發明<br>Invention | 中華民國<br>ROC    | I387690              | 1020301-1181112                     |
| 太陽能集熱器之管路結構及其管路之接合方法<br>Structure Of Pipeline For Solar Heat Collector And Joining Method Of Pipeline Thereof                 | 發明<br>Invention | 中華民國<br>ROC    | I387715              | 1020301-1181221                     |
| 熱化學處理設備<br>Thermal Chemistry Treatment Apparatus                                                                              | 發明<br>Invention | 中華民國<br>ROC    | I409106              | 1020921-1181104                     |
| 應用於超音波馬達之單極具零電流切換之驅動電路<br>Single-Stage Zero-Current Switching Driving Circuit For Ultrasonic Motor                            | 發明<br>Invention | 中華民國<br>ROC    | I397252              | 1020521-1181025                     |
| 應用於超音波馬達之單極具零電流切換之驅動電路<br>Single-Stage Zero-Current Switching Driving Circuit For Ultrasonic Motor                            | 發明<br>Invention | 中華人民共和國<br>PRC | ZL200910223092.9     | 1020724-1181117                     |
| 鍛壓沖頭過負荷保護裝置及其具有其的鍛壓裝置<br>Forging And Pressing Punch Head Overload Protection Device And Forging And Pressing Device With Same | 發明<br>Invention | 中華人民共和國<br>PRC | ZL201010156551.9     | 1020724-1190406                     |
| 攜帶式太陽能充電裝置<br>Portable Solar Charger                                                                                          | 發明<br>Invention | 中華民國<br>ROC    | I412147              | 1021011-1181221                     |
| 機台外掛模組之快速拆裝裝置<br>Quick Disassembly Machine Of The Machine Plug-Ins Module                                                     | 發明<br>Invention | 中華民國<br>ROC    | I397450              | 1020601-1191209                     |
| 複動化鍛造成型模組<br>Multi-Action Forging Module                                                                                      | 發明<br>Invention | 中華民國<br>ROC    | I414373              | 1021111-1191118                     |
| 軸心及其製作方法<br>Axis And Its Manufacture Method                                                                                   | 發明<br>Invention | 中華民國<br>ROC    | I414380              | 1021111-1191213                     |
| 開口扳手及其製造方法<br>Open-End Wrench And Method Of Manufacturing The Same                                                            | 發明<br>Invention | 美國<br>USA      | US8,459,152B2        | 1020611-1200913                     |