

2026 IIIC Gold Medal

SID	Medal	Inventor	Invention Title
360810	Gold	Luo Qingyi, Hanlin, Litianwei, Wujing, Xieqingxiang, Zhongxiaolin	Adaptive Thermal Management Control System for Intelligent Cabinet Cluster
360812	Gold	Zhang Zhong, Tang Jun, Wu Jing, Chen Si Zhenhua, Ma Zhikai, Chen Jiaying	Microgrid Energy Management System
360814	Gold	Zou Ting, Han Lin, Wu Jing, Li Tianwei, Tan Jun, Cong Jing	Smart Transformer Temperature Control : Phase Change Heat Dissipation Device for Oil-Immersed Transformers Under Overload Conditions
360816	Gold	Maede Abediyan	HAYAT – AI-Powered Intelligent search and Rescue Worm Robot
360917	Gold	Chia-Ling Lin, Yi-Chun Lin	SmartPercuss: A Nurse-Invented Quantitative Device for Enhanced Chest Physiotherapy
361589	Gold	Ko-Hua Huang, Tzu-Hsiang Lin, Rang-Jiun Hung, Chen-Jung Chen, Sheng-Kai Tsai, Chih-Chuan Feng	Vehicle-Integrated Rapid Decontamination System
368585	Gold	Hao-Lin Hsu, Chien-Hung Chen	Preparation method and working electrode application of 3D bundle-shaped multi-walled carbon nanotubes
368626	Gold	Yung-Tsung Cheng, Ming-Chun Hsieh, Chien-Chou Pan, Shiu-Hua Chen	Rehabilitation Walking Assistive Device
369505	Gold	Chao-Ming Huang, Yen-Hung Chen, Li-Fen Chang, Yue-Ting Chen, Jian-You Su, Ming-Che Huang	Low-Carbon CO ₂ Filter and Energy-Saving Reuse System
369514	Gold	Ming-Chun Hsieh, Ta-Chun Chai, Yung-Tsung Cheng	Waste Heat Recovery Power Generation System for Exhaust Ducts
369517	Gold	Ta-Chun Chai, Ming-Chun Hsieh	Cutting board for preservation at low temperature and the use method therefor

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369563	Gold	Wei-Kai Liou, Guan-Lun Huang, Ruei-Siang Hong, Jie-Sheng Zhang, Hsieh-Ting Tsai, Hao-Yu Ho	AI Smart Hospitality XR-Based Intelligent TMS System
369619	Gold	Chung-Wen Kuo, Tzi-Yi Wu, Jun-Cheng Liu, Yuan-Chan Lue, Yu-Chang Huang, Shu-Han Hong	Electrosynthesis of copolymer based on 9,10-dihydro-9,9-dimethyl-10-(9-phenyl-9H-carbazol-3-yl) acridine and 2,2'-bithiophene for satisfactory long-term switching stability and high optical contrast energy-saving windows
371417	Gold	Wen-Tgung Ho, Meng-Ling Ho, Meng-Ju Ho, Meng-Ting Ho, Hsiu-Chuan Tu	Medical Gas Sustained-Release Patch
375182	Gold	Chun Chiang	Gypsum Composite Flooring with High Impact-Sound Insulation
375183	Gold	Chun Chiang	Detachable Sound-Absorbing Partition Structure for Construction Sites and Buildings
375441	Gold	Chih-Wei Yang, Jui-Hsien Chen, Yun-Rong Yang, Wan-Tong Li, Wen-Hui Huang, You-Kai Chen	Smart pressure-sensing pen system
375444	Gold	Chih-Wei Yang, Yun-Rong Yang, Jui-Hsien Chen, Chia-Hsuan Lin, Yu-Heng Lin, Jia-You Li	A smart mirror system integrating health monitoring functions
375446	Gold	Chih-Wei Yang, Yun-Rong Yang, Jui-Hsien Chen	An Emotion-Monitoring Smart Wristband and Decentralized Team Emotion Monitoring System
376424	Gold	Ching-Hsiu Hsieh, Chih-Chuan Teng, Lu-Jung Chen, Chia-Yun Chu	Wheelchair
377269	Gold	I-Hsuan Peng, Pei-Chun Lee, Qi-Min Liang, Po-Hsiang Yang, Chia-I Liu, Shao-Chi Lin	Autonomous Green-IoT Smart Water Network: A Self-Powered Water Resource Monitoring System for Off-Grid Mountainous Communities

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377317	Gold	Yu-Po Chu, Cheng-Wei Lin, Chen-Yi Yen	Design and fabrication of an innovative electric scooter with higher stability and more comfort
377377	Gold	Chiung-Hsiung Lo	An innovative ultra high strength industrial polyester lifting sling with better workplace safety and eco-friendly
377659	Gold	Hung-Te Shu, Shao-Chi Lee	Design and fabrication of an innovative detachable solar unmanned feeding boat
378666	Gold	Chih-Wei Ynag, Pei-Chun Tsai, Cing-You You, En-Qi Yu, Yu-Ting Tseng, Li-Ching Peng	Tea-Sensing Delight AI-Powered Smart Customizable Tea Dispenser
378838	Gold	Ming-Sen Hu, Chung-Kai Yang, Lun-Wei Wu, Yen-Chieh Chiu, Yu-Chen Peng	Application of Supersonic Shock waves in the Design of Low-Noise, Lightweight Rock Crushers
378855	Gold	Tien-Te Lee, Tien-Chang Chen, Ya-Mei Chu, Jung-Chieh Pan, Shu-Ching Yu, Ta-Hao Liu	Design and fabrication of an innovative permanent magnet synchronous generator with ultra-high power generation efficiency
379213	Gold	Cheng-Han Lin, Jui-Ching Chien, Ting-Yu Hsu, Yi-Hsuan Lo, Yun-Yun Huang, Jo-Yun Yen	Infant and Child Vaccination App
379275	Gold	Guan-Wei Liou, Bo-Hua Zeng, Chi-Kun Kao Ting-Wei Lan, Tzu-Jung Chen	AI-Driven System for Predicting and Analyzing Concrete Compressive Strength
379384	Gold	Hsien-Chang Huang, Liang-Kuei Huang, Hsin-Yuan Chiang, Tsai-Ta Chang	Development of an innovative porous soundproofing material with good insulation and easy installation
379385	Gold	Mei-Hua Lai, Yu-Tai Liu, Huei-Hsuan Lee, Hui-Chun Lee	Development of an innovative cooling, comfortable, moisture-wicking, and sweat-absorbing multifunctional fabrics

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379543	Gold	Chin-Kuo Chen, Po-Hsiang Tsui	Array measuring method and interpretation device for ultrasonic detection of middle ear effusion
379646	Gold	Yong-Hong Lin, Jun-Xian Qiu, Yang-Hsu Tai, Xiang-Ping Wang, Zhao-Bo Wu, Chang-Ching Yang	Method for producing a novel organic fertilizer incorporating recycled materials
379680	Gold	Ming-Ling Lee, Pin-Zhu Liao, Ming-Chun Lee, Jian-Xiang Wang, Po-Xiang Zhang, Ding-Ze Peng	High-Performance Nb _x O _y -Based EIS pH Sensor with Inkjet-Printed YSZ Nanoparticles and Core–Shell Surface Engineering
379784	Gold	Ahmed Elmasaad	Unified Resilience Platform – Hybrid Aircraft Wing Prototype
379931	Gold	Wen-Ying Lin, Yu-Hsun Nien, Jung-Chuan Chou, Po-Hui Yang, Chih-Hsein Lai, Po-Yu Kuo	A Non-Enzymatic Potentiometric Cholesterol Biosensor Based on a Co ₃ O ₄ /g-C ₃ N ₄ /Chitosan-Modified CuO Thin Film
380202	Gold	Wei-Hua Cheng, Yu-Hsun Nien, Jung-Chuan Chou, Xuan-Han Chen, Wen-An Lu, Wei-Chen Sun	Enhancing Indoor Light Performance of Dye-Sensitized Solar Cells through Bi ₂ O ₃ Interfacial Modification Layer
380203	Gold	Ming-Chuan Hung, Yi-Lian Huang, Jun-Xiang Zhou, Chun-Yu Chen, Chi-Wei Wu, Huei-Ci Lin	Development of a Hair Color-Enhancing Product Incorporating Sustainable Water Caltrop Shell Biochar
380270	Gold	Shu-Ming Chen	Blanket Combined with Infrared Temperature Sensing
380327	Gold	Kuo-Tung Huang, Yi-Xiang Wang, Yuan-Chia Tseng, Li-Siang Zeng, Kuan-Yu Chen, Hao-Feng Chan	Maskless Lithography Process Using Laser-Induced Thermal Modification

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380419	Gold	Chin-Lun Lai, Yu-Mei Chang, Tzu-Chao Huang, Ying-Ling Chen, Chi-Yi Kao, Ju Hung	Remote Limb Guiding System
380521	Gold	Yuan-Ho Chen, Qing-Hui Qiu, Wei-Lun Chen, Ya-Xin Cheng, Yi-Kai Pan, Cheng-Yu Wu	A Cigarette Box with Build-in Ashtray
380528	Gold	Yuan-Ho Chen, Ya-Ting Xie, Ting-Chi Tsai, Yao-Sheng Huang, I-Ying Chen, Yung-Ting Lai	A Safety Chair Stand with Suction Force
380532	Gold	Yuan-Ho Chen, Kuan-Shun Chiu, Sheng-Cheng Wang, Ya-Ting Xie, Chia-Yun Chen, Cheng-Yu Wu	Warm-Keeping Device for Motorcycle Rider
380567	Gold	Hsu-Ming Chang	AI Agents for Semiconductor Equipment Manufacturers
380580	Gold	Wei-Chung Shia, Dar-Ren Chen	Device and Method for Estimating Breast Implant Volume
380641	Gold	Xing-Yi Liu, Chin-Chih Chang	ESP32-Based Contactless Smart Waste Bin with Sterilization, Odor Control, Multi-Sensor Synergy and Automated Notification System
380686	Gold	Wen-Liang Chen, Ying-Liang Yao, Qiao-Ling Pan, Ya-Xin Tsai	Rotary Spray-Paint Canister Device Refillable with Multiple Pigments
380688	Gold	Wen-Liang Chen, Ying-Liang Yao, Ya-Xin Tsai, Qiao-Ling Pan	Multifunctional Water Flow Control Device

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380691	Gold	Shou-Hsi Fu, Hsuan-Yu Ke, Pei-Qing Liu, Cheng-Yun Guo, Qiao-Yu Chen, Yong-Sheng Lin	Silver Jewelry Design of Radiance in the Crowned
380724	Gold	Yih-Ran Sheu, Yan-Ting Guo, Sheng-Jui Li, Tzu-Ting Wu	System and Execution Method Based on Mobile Phone Scheduling Automatic Opening and Closing Function Program: An Integrated Friendly Scheduling System with AI Interpretation and Context-Aware Decision Making
380878	Gold	Yu-Ting Wang, Hsiao-Chin Jen, Shin-Yun Chen, An-Jie Cai, Shau-Jie Shiu, Dong-En Lee	Smart color-changing car windows
380919	Gold	Chi-Chen Wu, Po-Yu Kuo, Jung-Chuan Chou, Po-Hui Yang, Chih-Hsien Lai, Yu-Hsun Nien	A Self-Biased Instrumentation Amplifier Chip for Cortisol Sensors
381070	Gold	Yi-Ching Chen, Bo-Yu Huang, Yi-Fen Lu, Yu-Chen Wu	THERMOROAD-Smart Color-Changing Thermal Storage Sustainable Power Generation Road System
381110	Gold	Jun-Sheng Yu	AstroGauge: Passive Dual-Ring Celestial Positioning Apparatus
381126	Gold	Hsiao-Lan Chu, Hsien-Ying Chu, Hsin-Hsiang Chen, Chung-Chang Lien, Xiu-Zhen Chen	Yanghu Smart Mobility Wheelchair
381158	Gold	Yi-Ting Guan, Yan-Chu Chang, Yu-Ting Lin, Yu-Hsun Nien	Preparation of SnO ₂ /TiO ₂ Photocatalyst with high Photocatalytic Degradation Efficiency
381192	Gold	Yi-Wei Huang	IACIA 108 Modular Olfactory Education and Mobile Scent System

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381261	Gold	Jia-Hroung Wu, Chia-Yeong Lin, Chen-Kai Zhang, Guang-Jhe Cheng, Wen-Hao Yu, Ching-Yu Tseng	English Title External Installation and Modularization Energy Harvesting Power Generation Device
381271	Gold	Yen-Ting Lin, Shwn-Meei Lee, Ya-Ting Zhang, Hsing-An Han, Meng-Han Jian	AI-Enhanced Scenario-Based Interactive Learning System
381280	Gold	Jia-Yan Wei, Li-Chan Lu, Chee-Heng Ng, Zhi-Khai Geh, Wee-Wen Lee	Intelligent Pedestrian Light-Guided Alert System
381284	Gold	Li-Chan Lu, Jia-Yan Wei, Wee-Wen Lee, Zhi-Khai Geh	Smart Energy-Efficient Pedestrian Crossing Warning System
381294	Gold	Yun-Wen Hu, Song-You Lin, Jun-Kai Wang, You-Jia Chen	Green-Fit Modular Force-Control Training Platform with Central Rebound Mechanism
381298	Gold	Yen-Jui Chia, Hong-Yu Chen, You-Min Cai, Hung-Chen Wu, Bo-Xiang Zhang, Chong-Kai Ke	Add-On Intelligent System for Local and Remote Equipment Monitoring
381305	Gold	Po-Yen Lai, Chia-Yeong Lin, Chen-Kai Zhang, Guang-Jhe Cheng, Wen-Hao Yu, Ching-Yu Tseng	Zero-Energy Karakuri Gravity-Driven Reciprocating Transport System
381309	Gold	Ming-Hsueh Wu, Hsien-Keng Chen, Hung-Chen Wu, You-Min Cai, Hong-Yu Chen, Zi-Yan Chen	Multimodal AI-Based Autonomous Safety Perception and Early Warning System for Unmanned High-Risk Environments
381312	Gold	Hung-Yu Kuo	Software Deployment Method and System Thereof

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381345	Gold	Jia-Rui Hsiao, Ting-Han Chen, Yung-Han Chiu, Chi-Hsun Kao, Wen-Shuo Ho, Chen-Han Liu	Fingertip Strength Training and Brain Activation Assistive Device for Older Adults
381347	Gold	Ming-Hung Lin, Hsieh-Ping Chen, Chih-Cheng Huang, You-Ting Xie, Zong-Yu Hong, Sen-Ze Yang	Digital and Intelligent System for Box and Block Test
381364	Gold	Yu-Kai Wang, Wei-Cheng Wang, Yu-Ting He, Chung-Wei Ho, Jun-Rui Lin, Kai-En Peng	“30-Second Leg-Raising Exercise” Home Muscle-Strengthening Assistive Device for Older Adults
381391	Gold	Hsi-Chao Chen, I-Lin Shih, Kun-Zu Yin	Molybdenum Doped–Modulated Ni–Fe–V–Ti–Co Hexa-Component High-Entropy Alloy as a High-Efficiency Hydrogen Evolution Electrode
381456	Gold	Yi-Tang Huang, Cheng-Ru Shih, Yi-Chen Huang, Xin-Rui Lin, Wei-Wen Hu, Chia-Hung Chang	RF Energy Harvesting System for Sustainable Self Powered Sensing
381491	Gold	Wei-Hsun Chao, Chiu-Feng Yen, Nai-Heng Chao	Comprehensive Labor-Saving Thermal Water and Air Dual- Effect Shower Care Chair
381539	Gold	Zhi-Shan Liao, Jia-Zhen Cai, Ya-Jane Chaung, Tzu-Fang Huang	A New Smart Early Childhood Education Experience: The Practice of Integrating AI Robots into Self-Made Picture Books and Teaching Aids
381541	Gold	Jun-Zhu Jiang, Yi-Wei Wu, Po-Hui Yang, Jung-Chuan Chou, Chih-Hsien Lai, Po-Yu Kuo	Wearable-Ready pH Sensor on Flexible Circuit Board for Portable On-Site Water and Biofluid Monitoring
381542	Gold	Chun-Hsiang Hu, Jun-Zhu Jiang, Yi-Wei Wu, Po-Hui Yang, Jung-Chuan Chou, Chih-Hsien Lai	Automated Cyclic Bending Tester with Adjustable Bending Radius for Flexible Sensing Films

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381543	Gold	Yi-Wei Wu, Jun-Zhu Jiang, Po-Hui Yang, Jung-Chuan Chou, Chih-Hsien Lai, Po-Yu Kuo	Plasma-Activated IGZO Flexible Biosensor: Enzyme-Free Dopamine Detection with Doubled Sensitivity
381820	Gold	Li-An Chien, Chung-Hsiang Lin, Kang-Yuan Lee, Chao-Min Cheng	Geometry-Engineered Nanostructured Surfaces for Biofilm Control
381888	Gold	Feng-Min Lai, Yi-Cyuan Li, Cheng-Hsuan Kao, Wei-Chun Su, Chia-Chun Yu, Che-Wei Lin	Design and Development of a Smart Lower-Limb Joint Rehabilitation Assessment Device and Assistive Equipment
381892	Gold	Yow-Chyi Liu	A Method for Reducing Leakage Current and Stray-Current Corrosion in DC Railway Traction Power Systems
382131	Gold	Cheng-Ling Ying, Yan-Syu Chen	Developing Circuit Science Teaching Aids Integrating Professional Theoretical Instruction and Practical Project-Based Productions
382196	Gold	Hua-Chen Lo, Si-Han Wang Ya-Chun Lee Mei-Jung Chung	SDGs Sustainable Living and Environmental Awareness Teaching Aid: The "Health Kingdom" Pyramid
382259	Gold	Chien-Chin Chen, Tsang-Yi Liao, Tzu-Ying Hsu, Chiu-Hsuan Huang, Cheng-Yen Lai, Yu-Jing Hsu	Ocarina Lid
382316	Gold	Yi-Chang Wu, Chai-Yun Chen, Zi-Wei Kuo, Wei-Kai Zseng, Yen-Yu Lai, Hong-Quan Su	Modular Internal-Gear Drive Mechanism for Medical Assistive Devices
382318	Gold	Rui-Lin Lin, Guan-Zhi Chen	Spray Gun Bottle Structure Design
382357	Gold	Jung-Chen Hsiao, Chieh-Tsung Chi, Yan-Yu Liao, De-Yan Liu, Jia-Lin Chen, Ci-Wei Zhang	Multi-Sensor Fusion-Based Contactless Smart Care and Anomaly Alert System

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382378	Gold	Chia-Hung Lin, Chen-Hsiang Yuan, Cheng-Yen Kuo, Yi-Kai Huang, Pi-Yun Chen, Ping-Tzan Huang	Autonomous Medication Delivery Robot with Image Recognition and Obstacle Avoidance in Chemotherapy Wards
382405	Gold	Yong-Dong Chang, Ching-Chih Chang, Jun-Hao Chen, Ming-Cheng Jian	A Dual-Mode Land–Water Smart Solar-Tracking Photovoltaic Power Generation System
382567	Gold	Shiow-Jyu Lin, Jia-Jun Zhuang	An Intelligent Conference Information Security Solution Based on Ultrasonic Active Acoustic Interference
382629	Gold	Zong-Yue Lin, How-Lin Chen, Chien-Chung Chen, Yu-Xian Chen, Ren-Wen Wu, Yun-Yuan Li	Design and development of an innovative AI smart IoT sensing device
382668	Gold	Hsin-En Chen, Hsiao-Chien Hung, Chi-Tung Chen, I-Fan Lo	Method for manufacturing cat litter containing passion fruit shells and the cat litter manufactured thereby
382684	Gold	Chi-Rong Hsieh	Infinite Chronos— (Low-Center-of-Gravity Modular Smart Remote-Controlled Gyro)
382715	Gold	Tung-Wen Hua, Yi-Han Lin, Chih-Yun Kang, Yu-Ling Pan, Wei-Yun Wang, Mei-Jung Chen	Medical care pipeline unblocking device
382728	Gold	Wei-Hsun Wang, Shu-Chen Hsiao, Pei-Iun Hsieh, Yi-Syuan Chen, You-Yun Wang, Sheng-Fei Chuang	SteadyCradle: An Adjustable Air-Cushion Positioning Bed for Safe and Stable Infant Hip-Ultrasound
382732	Gold	You-Yun Wang, Wei-Hsun Wang, Yi-Syuan Chen, Pei-Iun Hsieh, Ching-Wen Chang, Sheng-Fei Chuang	Gear-Synchronized Adjustable Hip Abduction Orthosis for Newborns

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382735	Gold	Wei-Hsun Wang, Yun-Sheng Huang, Yuan-Hsiu Hsu, You-Yun Wang, Pei-Iun Hsieh, Yi-Syuan Chen	Standardized Functional-Task Smart Walker Assessment System
382895	Gold	Yen-Jui Chang, Chih-Hsien Lai, Jung-Chuan Chou, Po-Hui Yang, Po-Yu Kuo	pH Sensor Based on MoS ₂ -Modified CuO Sensing Electrode
382900	Gold	Yu-Shan Yang, Chih-Hsien Lai, Jung-Chuan Chou, Po-Hui Yang, Po-Yu Kuo	pH Sensor Based on ZnO Nanorods Modified with Black Phosphorus Quantum Dots
383083	Gold	Kuo-Ping Chiu, Yu-Shin Nai, Yu-Feng Huang	RNA TOP-PCR Technology and Its Applications
383165	Gold	Shu-Wei Huang, Bo-Wen Huang, Hung-Yu Hsu, Hsiu-Lin Ku, Fu-Ting Wu, Tzu-Han Huang	Deep-Sea Mineral-to-Medicine Platform
383202	Gold	Yi-Shiuan Hung, Chih-Hsien Lai, Jung-Chuan Chou, Po-Hui Yang, Po-Yu Kuo	Acetylcholine Sensor Using MoS ₂ -Modified TiO ₂ Films
383224	Gold	Yu-Pao Chen, Keng-Ren Lin, Bo-Hsun Wu, I-Ching Yang, Yi-Min Shu, An-Chi Peng	“MazeRoute” Anti-Backflow Extension Set
383232	Gold	Shih-Ying Chen, Yu-Fan Chen, Yen-Ting Chen, Shu-Jing Wu	Effects of Ethanolic Extract of Momordica cochinchinensis Aril on Dyslipidemia and Hyperglycemia in High-Fat Diet-Induced Mice
383236	Gold	Ke-Sin Chang, Chia-Yung Xie, Ming-Chun Lu	Biochar Activation and Modification for Innovative Material Applications
383238	Gold	Chien-Sheng Huang, Chih-Chiang Yang, Cheng-Yan You, Hsin-Chia Chen, Lun-De Li	Titanium nitride-modified zinc oxide non-enzymatic glucose sensor

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383341	Gold	Ying-Hung Yen, Chin-Jung Yu, Pei-Shan Jiang, Li-Hsuan Huang, Ruo-Mel Liao	SitON Smart Mobile Toileting and Telecare Chair for Older Adults
383344	Gold	Ying-Hung Yen, Chin-Jung Yu, Pei-Shan Jiang, Ruo-Mel Liao, Li-Hsuan Huang,	ReLoop Harvest
383381	Gold	Yun-Qiao Rao, Chia-Chi Tsai, Yen-Lin Chiang, Wei-Jie Lin, Chih-Ming Weng, Chih-Chieh Hsu	High-Stability and High-Security Strontium Zirconate Memory Technology
383441	Gold	Pei-Shan Yu, Hsiao-Hsin Chou, Yu-Ling Pan	Eco-Friendly Medication Cup Lid with Backflow Prevention and an Adjustable Snap-Fit Mechanism
383461	Gold	Tung-Yi Lin, Wei-Jyun Hua, Tsung-Hsi Tu, Ai-Jung Tseng, Ching-Jung Chen, Hsin Yeh	GMI-induced oncogenic protein degradation: A therapeutic strategy to enhance TMZ efficacy in refractory GBM
383524	Gold	Chen-Chia Su, Ching-Hao Liang, Shih-Hung Shiao, Sung-Lin Yang, I-Fan Lo, Chi-Tung Chen	Method for manufacturing a biodegradable flowerpot recycled from waste materials
383531	Gold	Shih-Lin Lin	System, Method, and Computer Program Product for Obstacle Distance Detection
383532	Gold	Tung-Yi Lin, Zhi-Hu Lin, Wei-Jyun Hua, Hsin Yeh, Sang-Nguyen-Cao Phan	Ganoderma microsporum protein GMI for bidirectional macrophage modulation in the suppression of inflammation and anticancer immunotherapy
383542	Gold	Chen-Chia Su, Pei-Chi Yang, I-Fan Lo	Eco-Friendly Substrate Manufacturing Method

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383546	Gold	Po-Yu Chen, Chi-Chung Chen	BeNour x noureL® - Triple Growth Factor-Supporting Nutritional Formula for Hair Follicle Activation
383560	Gold	Wen-Cheng Lai, Po-Chun Lin, Po-Yu Lin, Shih-Cyuan Wang	Effect of Double Magnetodielectric Materials on Radiation Patterns of a Polygonal CPW Monopole Antenna
383561	Gold	Wen-Cheng Lai, Pei-Wei Peng, Yu-An Huang, Kuang-Jen Tung	Effect of Magnetodielectric Material on the Radiation Pattern of a Circular CPW Monopole Antenna
383568	Gold	Tung-Yi Lin, Ching-Yao Tsai, Yi-An Lin, Chueh-Tan Chen, Zhi-Hu Lin, Hsin Yeh	Fucoidan-Mediated Bidirectional Regulation of the Retina as a Promising Novel Therapeutic Strategy for Macular Degeneration
383579	Gold	Yi-Liang Huang, Xiang-Zhen Tang, Jia-Jin Peng, Po-Yun Hung, Tzu-Yun Yang	All-In-Pouch
383595	Gold	Shu-Han Chan, Chung-Shun Feng, Chen-Gen Wang, Yann-Long Lee	Forest firefighting drone-Aetherwing
383636	Gold	I-Fong Chen, Xin-Ai Xie, Rui-Hong Xu, Wei-Yan Jian, Yi-Wei Lin, Jing-Fong Jhong	Ground-Robust Wi-Fi 7 USB Antenna
383644	Gold	Chia-Wei Hsu, Yi-Jung Wang, Yu-Shian Lin	Developing a low-cost drone attitude recording system
383645	Gold	I-Fong Chen, Xin-Ai Xie, Rui-Hong Xu, Wei-Yan Jian, Yi-Wei Lin, Pei-Xuan Tsai	Portable 5G NTN Small Outdoor Base Station for LEO Satellite Communications

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383709	Gold	Pei-Chen Lin, Yu-Chu Cheng, Hsin-Ju Hsu, Yu-Fan Chen, Pei-Kuo Hu, Chung-Chan Lien	SmartStep: AI-Powered Assistive Shoes
383731	Gold	Ta-Lun Sung, Chen-Gen Tsai, Kai-Chun Chen, Po-Wei Chang, Yu-Hsuan Hsueh, Hung-Chan Hsu	Smart Pet House
383742	Gold	Kwan-Nin Kuo, Szu-Hui Wu, Ding-Yu Kang, Yu-Xuan Wu, Hung-Chun Wu, Yu-Ching Kang	Green processes for semiconductor packaging and assembly
383766	Gold	Kwan-Nin Kuo, Szu-Hui Wu, Tsung-Jen Su, Li-Shin Chang, Yi-Li Lin, Yu-Ching Kang	Preparation of ceramic-like coating on steel surface by plasma electrolytic oxidation technology
383773	Gold	Yan-Ting Chen, Yoy-Zhen Wang, Jui-Che Hsu, Wei-Ting-Chen, Wei-Ju Chen	Global First Waiting Anxiety Management System
383790	Gold	Chang-Yue Chiang, Hui-Yi Chiu, Tsung-Fu Tu, Jing-Wen Huang, Chien-Hsing Chen, Kun-Che Kao	High-Sensitivity Fiber-Optic Plasmonic Sensor Based on AuNP/MoO ₂ Hybrid Nanomaterials
383795	Gold	Chin-Chu Chen, Yen-Lien Chen, Shin-Wei Lin, Yen-Po Chen	GKD7 can help slow down cartilage wear and the progression of degenerative arthritis
383798	Gold	Chin-Chu Chen, Jui-Hsia Hsu, Hsin-I Fu, Yen-Po Chen	Novel Application of Cordyceps cicadae Active Substance and Its Advanced Bio- Manufacturing Process for Enhancing Visual Acuity
383803	Gold	Yu-Chieh Lee	Smartsip balance

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383812	Gold	Marcus Chen	Taipei Bicycle Safety Map
383837	Gold	Hsien-Sheng Lin, Bo-Yu Jhuang, Yu-Jen Chen, Ping-Yang Lee, Ping-Tse Lee, Chih-Chieh Hsu	A Novel Eco-Friendly Biochemical Sample Testing Box and application
383853	Gold	Wei-Di Chen, Yu-Tang Hsu, Mi-Jie Zeng, Chun-Shuo Chang, Yi-Wei Chen Yun-Han Wu	EMG-Integrated Interactive Home Rehabilitation System
383856	Gold	Wei-Di Chen, Chi-Chong Lio, Chun-Yi Tsai, Tsung-Hsin Yu, Po-Wei Wu	Smart Exercise Training System with Virtual Animal Guidance
383857	Gold	Ying-Chiang Hu, Yu-Tzu Shen, Qiu-Shui Huang, Jin-Cai Chen, Hong-Yi Jheng, Tzu-Jui Kuo	Electronically controlled magnetic bead molecular adsorption reaction device applied to oil purification
383866	Gold	Yu-Tzu Wu, Hsiao-Chin Jen, Zi-Yun Huang, Yi-Jyun Liou, Tzu-Chun Li	AI-Powered Dynamic Lower-Limb Assistive Device
383868	Gold	Chung-Yuan Yang, Kung-Ming Chen, Kai-Lin Yang, Sheng-Fong Chen	A Smart Physical Fitness Assessment System for Older Adults with Movement Quality Feedback
383873	Gold	Wei-Di Chen, Chao-Chun Huang, Guan-Lin Chen, Cheng-Yan Cheng	AI Fitness Assessment System for Elderly
383879	Gold	Yu-Chien Lien, Teng-Hui Tseng, Bo-Han Chen, Yu-Wei Hsu, Fong-Shun Shen, Po-Hsiang Chang	Interactive System and Interaction Method

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383940	Gold	Ing-Jr Ding, Xin-Bau Li, You-Zhe Lee	Spoken dialogue systems incorporated with embodied intelligence of gesture interactions to visually soothe the restlessness action of the elderly by synthesis motions for care AI agents
383943	Gold	Uzu-Kuei Hsu, Chih-Hsien Kung, Cheng-Hsien Tai, Hung-Pin Chang, Pei-Hsuan Chuang, Sheng-Chieh Chen	Development of a Low-Cost Paper-Based Mission UAV
383952	Gold	Uzu-Kuei Hsu, Hong-Bin Chang, Cheng-Han Tsai, Yu-Chia Luo, Chien-Lang Chen, Chien-Chih Hung	The Night Guardian-Tethered Air-Ground Collaborative Rescue System
383962	Gold	Kuo-Hao Lin, Min-Tai Cheng, Chiou-Nan Lin, Chih-Hsuan Liao	PharmaReason: An AI-Based Medication Risk Alert System and Method Using Integrated Reasoning over Pharmacological Information and Patient-Specific Factors
383965	Gold	Hung-Ying Huang, Szu-Yu Huang, Michelle Sun Huang	Quick-Release Dual Bottle Cage with Temporary Parking Support for Carbon Road and Triathlon Bikes
383970	Gold	Ming-Ling Kuo, Yu-Ting Kao, Yi-Chien Liao, Han-Lin Hsiung, Chung-Chang Lien, Fong-Yee Nyeu	CareLink: Rehabilitation and Care Linkage
383981	Gold	Chin-Chu Chen, Yen-Lien Chen, Shin-Wei Lin, Yen-Po Chen	Breakthrough in Diabetes Prevention: The Novel <i>Pediococcus pentosaceus</i> GKP4 and Its Potent Glycemic Regulation Technology
383991	Gold	Pei-Yuan Chung, Shu-Fen Huang, Ming-Shu Yang, Yu-Ching Pan, Lin-Yun Ciou, Pen-Jil Cai	HealthAI – AI-Powered Emotion-Aware Health Regulation System

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383995	Gold	Chia-Chyuan Liu, Kuen-Lin Leu, Chih-Yu Lin, Zi-Xuan Lin	Turning Ecological Threats into Green Beauty: Development and Efficacy Evaluation of Whole-Plant <i>Bidens pilosa</i> Extract for Sustainable Whitening Cosmetics
384006	Gold	Chung-Chyi Chou, Wei-Chuan Wang, Yi-Zhen Chen, Chun-Hao Chen, He-De Ruan	Smart Fire Safety, Fire Prevention Management and Science Education for Places of Preservation Value
384019	Gold	Kun-Yi Hsieh, Kuei-Shan Chiu, Siang-Chen Wu, Ming-Chun Lu, Jia-Rong Li, Jheng-Dian Yu	Innovative Homogeneous Fluidized-Bed Crystallization for Efficient Water Softening
384022	Gold	Chih-Chung Chou, Lin-Ya Yeh, Ya-Li Chen, Hui-Yu Tien	LifePillow – An Everyday Cushion with a Built-in First-Aid Kit for Home and Vehicle Use
384023	Gold	Wei-Hsuan Liao, Min-Hao Shih	PDRN Radiance Capsule
384024	Gold	Samuel Y. Ruan, Ting-Ting Chang, Qing-Hui Qiu, Xuang-Zhi Huang, Chao-Wei Wang, Ying-Xian Wu	Buoyancy-Activated Smart Tea Timer Cup
384027	Gold	TSA INTERNATIONAL CO., LTD.	Damokampo BmpP® Bitter Melon Complex
384044	Gold	Chun-Chieh Wang, You-Tung Lin, Chih-Hung Liang, Shen-Shih Chiang, Po-Chang Huang, Pei-Yuan Wang	Prevention and treatment of dementia with ergothioneine
384068	Gold	Meng-Chin Chen, Xin-Yi Wu, Wei-Lung Wu, Feng-Tsang Wu	Noncontact Vascular Stenosis and Pulse Measurement Device Based on Millimeter-Wave Radar Wireless Sensing

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384074	Gold	Yan-Sin Chen, Yi-Hui Guo, Xin-Yi Liao, Wei-Yu Chen, Hao-Yu Wu, Wen-Hui Kung	Clever and handy hook
384076	Gold	Ching-Sen Chuang, Chung-Chyi Chou	AIoT-Based Smart Energy-Efficient Ventilation, Indoor Air Quality Management, and Fire Risk Early Warning System
384101	Gold	Wai-Ting Wang, Jia-Yu Cai, Chiao-Chen Huang, Pei-Yu Li, Chang-Wu Chu, Kai-Hao Chen	Water Reservoir Smart Cleaning Robot
384121	Gold	Chih-Yuan Chang, Thi Thuy Tram Ly, Quang Truong Ly	A Novel Method to Continuously Measure Permeability of Fiber Preform
384184	Gold	Nien-Tzu Keng, Wei-Chung Liu, Yu-Han Chang, Hsiang-Yu Kuo, Chia-Yu Kuo, Tzu-Hsuan Ou	Development of Algae-Derived Biomaterials with Fluorescent Traceability for Biomedical Repair Applications
384194	Gold	Chan-Yu Kuo, Ming-Ling Kuo, Han-Lin Hsiung, Nai-Chen Chen, Chung-Chang Lien, Pei-Shan Chung	PipeWatch: Distributed Residential Water Pipe Anomaly Monitoring System
384199	Gold	San-Yuan Wang, Fu-Hung Chuang, Guan-Ting Wu, Chong-Hua Wang, Yu-Hsiang Lee, Yung-Cheng Hsieh	OpenPose-Based Skeletal Feature Analysis in a Simulated Classroom: A Study on Attention Patterns in Children with ADHD
384208	Gold	Yuan-Chen Hsieh, Pei-En Yang, Hung-En Lin, Tzu-Yu Chen, Han-Lin Ke, Yung-Hsing Hsieh	Passive Radiative Cooling Composite Coating with Biomimetic Superhydrophobic Self-Cleaning and Phase-Change Thermal Regulation
384209	Gold	Shu-Zhen Zhang, Pei-Han Liao, Wei-Che Wu, Tsai-Yu Lai, Chia-Han Ko,	ZiXun FIR: A Passive Circular System for Zero-Power Food-Waste Valorization Enabled by Multifunctional Far-Infrared Composites

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384210	Gold	Chien-Jung Chen, Yu-Chun Lin, Yu-Cheng Huang, Fu-Jung Hsiao, Ting-Xuan Li, Chu-Yu Lu	Smart Mobile Emergency Warning System
384214	Gold	Cheng-Heng Wu, Chin-Ming Lee, Jian-Feng Chen, Cheng-Hung Chang, Pin-Ning Chiu, Kai-Cheng Chan	Turbine generator device
384224	Gold	Hsiu-Ya Huang, Wei-Tzu Yen, Yi-Chia Wu, Ting-Yu Huang, Hao-Yu Hsieh, Chao-Xiang Li	Smart Home Micro Medication Chamber
384230	Gold	Yi-Ping Tzeng, Chia-Hui Tsai, Wen-Fang Chaung, Chung-Chuan Pan, Chun-Chieh Wang, Jen-Yi Chang	E-Mochi Platform
384247	Gold	Shu-Han Mo, Chien-Ying Lin, Yueh-Kuei Cheng, Chiu-Mei Li, Han-Lin Hsiung, Chung-Chang Lien	MedLoop
384254	Gold	Bi-Ling Dai, Yi-Ching Chen, Zi-Ning Luo	Water Extracts of 12 Plants for Improving Canine Periodontal Disease and Malignant Tumor Ulcers
384272	Gold	Dai-Chia Lee, Mao-Hung Lin, Rou-Xian Lee, Yu-Chun Lin, Jia-Xin Hsiao, Yen-Kun Nien	AEGIS Umbrella Shield – Smart Personal Safety Protective Umbrella
384358	Gold	Chia-Hua Liang, Leong-Perng Chan, Han-Ting Chan, Yu-Ting Tu, Hung-Tzu Hsu, Yi-Jie Cheng	Butterfly Crystal Essence—Patent-Based Valorization of Kalanchoe fedtschenkoi ‘Marginata’ Extracts and a New Aesthetic in Biphasic Skincare

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384376	Gold	Yu-Jui Tsai, Ding-Chian Lai, Chen-Hao Chou, Yu-Jhen Chang, Ji-Yun Wu	A Walk for Baby, Power for You: A Stroller-Mounted Green Energy Charging System
384427	Gold	Huan-Liang Tsai, Tsung-Chun Yeh, Guang-Zheng Jiang	Wireless 1 ϕ /3 ϕ AC Power-Monitoring IoT System Featuring Cybersecurity and Information Security
384442	Gold	Shan-Yi Shen, Wei-Siang Lin, Dang Khoa Nguyen	Novel Amidoxime-Based Polymer Adsorbents for Efficient and Selective Gallium Recovery
384466	Gold	Yu-Chuan Liao, Wen-Hui Chen, Bin-Feng Zhang Luo, Yu-Hsiang Lin, Yu-Chien Chen, You-Jun Chen	Cyclic Self-Regulating Triangular Green Façade System
384573	Gold	Yu-Chih Chang, Yung-Chih Chang, Shu-Chen Liao, Wen-Chung Chang	Joint-Conformal Multi-Layer Microneedle dressing with Spatially Separated Dual-Region Controlled Release
384673	Gold	Gwo-Ching Liao, Bo-Tong Liao, Kai-Yi Fan Jiang, Chun-Hung Chu	AI-Driven Low-Carbon Microgrid Dispatch
384685	Gold	Shu-Chen Liao, Li-Yin Chien, Jin-Lain Ming, Li-Hwa Lin	Composite Fiber Sponge Containing Sulfuraphane
384709	Gold	Ming-Cheng Kao, Chih-Chieh Lin, Chun-Wei Yang, Wei-Chen Weng, Yen-Ting Hou, Chin-Yu Tsai	Smart CFRP Monitoring System with Impact Localization and Damage Identification
384729	Gold	Jung-Lung Chiang, Chia-Jui Chiang, Po-Hsiang Tu	Applications of multi-functional bio-sensors

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384734	Gold	Hao-I Tsai, Yuan-Nan Tsai, Chia-Ming Chang, Ying-Shian Chen, Cheng-En Wu, Chih-Kai Yeh	Circular Recycled Eco-Friendly Paper Mulch Film: A Sustainable Mulching Technology toward Plastic-Free Agriculture
384756	Gold	Yuan-Hsiu Chang, Hsiao-Ling Lu, Jun-Kai Yang, Cheng-En Liu, Cian-Sing Liu, Kuan-Hsuan Chen	Smart Bio-Cycled Nutrition at Home
385010	Gold	Kenward Vong	Lectin-directed protein aggregation therapy (LPAT)
385012	Gold	Thayakorn Chaiyasat, Juthamas Siangkhio, Netnapha Kamlangmak, Amorn Chaiyasat	MagCaps: Magnetically Recoverable Photocatalytic Polymer Microcapsules for Dye Wastewater Treatment
385014	Gold	Awatif Omar Alhawsawi	Alhawsawi Adaptive Safety Flooring (AASF)
385016	Gold	Awatif Omar Alhawsawi	FARIS - Fall-Associated Risk and Instability Screening
385018	Gold	Chutima Kongjaroon, Ganwarin Jankajonchai, Kanittha Jankajonchai, Patcharaporn Gathinthong, Phattheera Chongtakhu, Thidarat Srivichai	Cinnamon Bioactive Compounds: From Chemical Profiling to Multi-Functional Innovations
385020	Gold	Chutima Kongjaroon, Prakasit Intaphong, Ganwarin Jankajonchai, Kanittha Jankajonchai, Punawit Kongjaroon, Naruemon Kaeopricha	Purréva EcoCare Innovations: Sustainable Solutions for Pet Healing, Hygiene, and Protection

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385030	Gold	Christian Kevin Mendoza Gualpa, Cesar Abel Franklin Santiago	Smart Water-Saving Handwashing Device
385037	Gold	Miya Brown, Amber Chen, Liang Chen	Smart Energy-Saving Lighting System for Campuses
385042	Gold	Bożena Kukfisz, Przemysław Wysoczyński, Paweł Gromek, Robert Piec, Michał Szota, Mateusz Banaś	Development of guidelines for an integrated system for the collection and processing of emergency response knowledge for the phases of preparation, prevention, response, and recovery, for the purposes of fire protection and civil protection
385060	Gold	Tian-Jye Hsieh, Hsiu-Wen Lu, Hsiu-Kuei Wu, Fu-Ju Tsai, Ya- Ling Lee, Cheng-Wei Hsieh	Lanyu Glow Hydrogel
386122	Gold	Chih-Wen Chen, Wen-Hsiung Lin, Yong-Jun Han, Hong-Wei Wu, An-Chieh Hsiao, Tzu-Hsuan Chan	Smart Potted Plant Monitoring and Aquaponics System
386131	Gold	Wei-Wu Liu, Yi-Chun Lin, Pin-Hsuan Chen	Hourglass-style decanting glass
386153	Gold	Chung-Hsin Yeh, Yu-Ting Hsiao, Chuan-Ching Hwang	AI Motion-Sensing Interaction and Exercise Empowerment
386154	Gold	Chung-Hsin Yeh, Yu-Ting Hsiao, Chuan-Ching Hwang	AI Smart Meal Plate

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387001	Gold	Yi-Shun Chen, Hong-Jie Wang, Shih-Hung Chang, Bo-Lin Lin, Bing-Ting Lin	Method and system for exchanging battery of electrical vehicle
387002	Gold	Yi-Shun Chen, Chun-Yi Lien, Jun-Jie Zhang, Cheng-Che Hsieh, Bo-You Chen, Yao-Chu Hsieh	Design and development of a modular battery replacement method and system for electric vehicles
387004	Gold	Pin-Jie Chen, Hsin-Wen Chang, Chun-Hao Chen	Cyclone Shoe Tree
387005	Gold	Tse-Min Wei, Hsiu-Chu Hsu	An Intelligent Disaster Relief Guidance System and Smart Incontinence Integration Device with Mental Stress Adaptation and Multidimensional Physiological Sensing