

2026 IIIC Silver Medal

SID	Medal	Inventor	Invention Title
366571	Silver	Chia-Shan Wu, Mei-Fang Chen, Shih-Yeh Chen, Hui-Wen Hsieh	AI-Assisted Healthcare Fire Emergency Simulation System
368596	Silver	Chung-Yi Cheng, Shu-Yin Zhang, Ya-Wen Chang	Alphabet Cup Set
368819	Silver	Yao-Kai Chuang	Colored gunpowder applied to the development of innovative incense culture products – Twelve Months of Flower Incense
369592	Silver	Chien-Te Liu, Wei-Liang Kuo, Han-De Hsieh, Jun-Jun Wang, Yu-En Hsieh, Min-Yang Chiu	Airfoil-Shaped Retractable Sun-Tracking System for Electric Two-Wheeled Vehicles
369600	Silver	Sheng-Feng Wang	Posture Training Mat with Modular Guidance System
369636	Silver	Chung-Wen Kuo, Tzi-Yi Wu, Yi-Jhen Li, Chieh-Yun Tseng, Jenq-Nan Yih, Yu-Chang Huang	Electrosynthesis of copolymer based on 3,5-bis(3-(carbazol-9-yl) phenyl) pyridine and 2,2'-bithiophene for satisfactory long-term switching stability and high optical contrast energy-saving windows
369728	Silver	Chung-Wen Kuo, Tzi-Yi Wu, Jie-An Then, Zi-Hao Lin, Chih-Yuan Tseng, Ming-Rou Lin	Synthesis of CoNmSnC-rGO composites for use as cathode catalysts in anion-exchange membrane fuel cells
371434	Silver	Li-Hung Chen, Bo-Wei Chen	Audio Analysis Warning Device
375001	Silver	Chung-Wen Kuo, Tzi-Yi Wu, Ming-Rou Lin, Zi-Hao Lin, Yu-Tong Jian, Yi-Jie Wang	Cobalt-, iron-, nitrogen- and sulfur-containing carbon-based catalysts for anion-exchange membrane fuel cells

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375184	Silver	Chun Chiang	Adjustable Floor-Boundary Baffle Structure for Prefabricated Bathroom Pods
375525	Silver	Ching-Hsiu Hsieh	System for Personalized Dish Recommendations Based on Body Constitution
376181	Silver	Ching-Hsiu Hsieh	Personal Thermometer
376887	Silver	Chin-fu Yang, Mao-Hung Lin, Yuan-Hsin Lin, Tzu-Cheng Lee, Tzu-Yao Huang, Shao-Ming Wu	Intelligent circulating power generation unit for air conditioner outdoor units
377233	Silver	Kuan-Ting Yeh	Power generation equipment
377236	Silver	Kuan-Ting Yeh	Dual-Stroke Regenerative Power Generation System
377730	Silver	I-Ting Hsu	Materials Intelligence Framework: Multi-Scale Integration of Analytical Evidence for Material Behavior Representation
379245	Silver	Li-Chia Li, Yu-Lun Shih, Chen-Chin Lan, Yu-Yan Liao, Tsai-Yu Chen, Yun-Ru Li	Intelligent Warehousing Simulation of the National Army's Food and Supplies Warehouse
379390	Silver	Ching-Hsiu Chen, Ya-Lie Ku, Hui-Wen Tseng	Acupuncture Training Phantom with Simulated Blood Vessels and Skeletal Structures
379595	Silver	Yun-Tin Huang	Dental flossing training device for children
379671	Silver	Yu-Sheng Yain, Ru-Feng Shen, Ling-Ling Ke, Chun-Ling Su, Pei-Fen Wu	Q-Bot Arm-AI Follow Me
379816	Silver	Chung-Chen Tsao, Yao-Yu Hsu, Cheng-En Li, Yong-Wen Yin, Min-Hua Tsai, Chi-Lung Lin	Compound Step-Prolate-Spheroid-Core Drill (CSPSCD)

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379844	Silver	Li-Yu Chou, Meng-Hui Hsu, Chien-Jung Chen, Po-Yueh Chen	Multi-Module Integrated Power Monitoring System
379927	Silver	Han-Chieh Wang, Chien-Hui Chen, Yus-Han Hua	Development of an Okra Niosome Carrier System and Its Application in Skin Hydration
380204	Silver	Ming-Chuan Hung, Wen-Teng Chang, Jun-Xiang Zhou, Chun-Yu Chen, Chi-Wei Wu, Huei-Ci Lin	Development of Antioxidant and Moisturizing Skincare Products from Tainan-Grown Mountain Soursop (<i>Annona montana</i>)
380493	Silver	Ching-Feng Chang, Ya-Lie Ku	Intergenerational Co-Riding Wheelchair: Integrated Wheelchair and Baby Stroller System
380530	Silver	Yuan-Ho Chen, Qing-Hui Qiu, Sheng-Cheng Wang, Ya-Xin Cheng, Yung-Ting Lai, Cheng-Yu Wu	Wiper Gloves
380628	Silver	Hsi-Chao Chen, Yi-Jie Chang, Hong-Jie Lin	Deep Oscillation Magnetron Sputtering Combined with Radio Frequency Sputtering of TiAlN for Low Stress and Corrosion Resistant Nanostructured Hard Coatings
380659	Silver	Kuan-Yu Lin, Yi-Ching Chen	AI-Powered Urban Building Governance Platform
380689	Silver	Wen-Liang Chen, Ying-Liang Yao, Qiao-Ling Pan, Ya-Xin Tsai	Music Playback Device with Speaker and Headphone Modes
380734	Silver	Shou-Hsi Fu, Yong-Jie Huang, Ting-Yi Li, Ting-Shuo Chen, Wen-Shan Peng, Ciao-Yi Jian	Melodic Celestial Metalwork Jewelry Series
380774	Silver	Yuan-Nan Tsai, Feng-Chun Wang, Chia-Ming Chang, Ying-Hsien Chen,	Circular Regenerative Tech-Soil: Sustainable Agricultural Innovation through Reservoir Sediment Valorization

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		Cheng-En Wu, Chih-Kai Yeh	
380898	Silver	Chung-Yuan Yang, Yi-Ling Fu, Jia-Chang Wu, Ching-Feng Lin, Chang-Lin Wu	Smart Medical Waste Recognition and Mobile Robotic Grasping System
381074	Silver	Yi-Ching Chen, Wei-Jie Lin, Fu-Sheng Deng	Lumair AI Hair Dryer
381162	Silver	Kuan-Lin Wu, Bi-Cheng Syu, Yu-Ting Lin, Yu-Hsun Nien	Development of ZnO/TiO ₂ composite photocatalyst applied for degradation of organic wastewater
381257	Silver	Wen-Hui Yang, Chao-Tsun Chang, Jing-Cen Ko, Li-Jen Su	WorkGo Taiwan: A Gamified Board Game for Foreign Workers' Employment Laws and Rights
381265	Silver	Shiu-Hua Wu, Po-Yen Lai, Wan-Ting Hsueh	Modular Lens-Mounted Photographic Composition Guidance System
381268	Silver	Shun-Liang Lee, Jin-Bang Chen, Jin-Xiang Lai, Shu-Ting Wu, Hang-Zong Lin, Yu-Jen Dai	AIoT-Based Smart Agricultural Product Sorting and Labor-Saving Transport Vehicle
381272	Silver	Chin-Yi Yeh, Yi-Ting Wang	English Title Visualized Learning System for Accounting Debit-Credit Logic
381274	Silver	Yi-Fen Chen, Chao-Yang Liu, Chen-Kai Zhang, Guang-Jhe Cheng	Sustainable Modular Customizable Floral System
381276	Silver	Kuo-Hua Liu, Chia-Yan Wei, Kuan-Fu Lin	IoT-Based Multi-Circuit Smart Lighting Energy Monitoring and Energy-Saving Control System
381293	Silver	Yun-Wen Hu, Yu-Hsiang Teng, Guan-Lin Chen, Bing-Xian Wu	AI-Powered Wheelchair-Adaptive Interactive Exercise Training System

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381303	Silver	Yen-Jui Chia, Hong-Yu Chen, You-Min Cai, Hung-Chen Wu, Chong-Kai Ke, Jia-Huang Wu	Intelligent LED Spatial Guidance System with Acoustic Sensing
381307	Silver	Po-Yen Lai, Chia-Yeong Lin, Chu-An Yu, Wen-Hao Yu	Modular Zero-Energy Karakuri Sanitizer Dispensing System
381313	Silver	Ming-Hsueh Wu, Geeng-Jen Sheu, Hung-Chen Wu, You-Min Cai, Hong-Yu Chen, Zi-Yan Chen	Lightweight Digital Twin and AI-Based Disaster Evolution Prediction and Response Decision System for High-Risk Environments
381327	Silver	Yi-Zhong Tu, Kung-Wei Huang, Min-Hao Lai, De-Li Hung, Yun-Fu Yu, Hao-Hsun Chang	Driving Reaction Assessment Device for Older Adults
381389	Silver	Rong-Wang Hsu	Plastic Wrap Storage and Cutting Device
381395	Silver	Chih-Wei Yang, Zi-Qing Lin, Cing-You You, En-Qi Yu	Project: Japanese Learning Tutoring Integration Platform
381463	Silver	Yu-Ting Lin, Yu-Hsun Nien	Development of Visible-Light-Responsive g-C ₃ N ₄ /TiO ₂ Photocatalyst-Embedded Electrospun Fiber Membranes
381564	Silver	Chia-Yeong Lin, Bo-Rui Lin	Multi-Directional Adjustable Door and Window Clothes-Drying Rack
381819	Silver	Chia-Hsuan Chiang, Jeng-Huei Shiau, Chao-Min Cheng	Programmable CMOS-Fabricated Nanoelectrode Array Platform for Exosome Capture
381881	Silver	Feng-Min Lai, Chiung-Yun Hsu, Chih-Yu Lin, Yu-Chen Tsai, Guan-Lin Huang, Yu-Lun Wu	Development of a Smart Sensing Rehabilitation Assistive Device and Outcome Assessment System for Frozen Shoulder

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382111	Silver	Liang-Cheng Cho, Meng-Hui Hsu	Eyeglasses air filter
382115	Silver	Yu-Ting Chow, Ming-Ling Lee, Jian-Xiang Wang, Po-Xiang Zhang, Hsin-Yu Chen, Yi-Hui Lai	Annealing-Dependent Polarization and Electrical Hysteresis in Y-Doped ZrO ₂ Thin Films for Super-Nernstian EIS pH Sensing
382272	Silver	Shih-Chieh Chen	Modular Non-Powered Material Handling Platform for Energy Saving and Carbon Reduction
382281	Silver	Chi-Hui Chiang, Zhi-Yuan Su, Chun-Pin Chang, Hong-Rui Wei	CareVoice AI: A Privacy-Preserving Multilingual AI System for Health Education and Elderly Care
382287	Silver	Yow-Chyi Liu, Dang-To Nguyen, Binh-Tan Nguyen, Thi-Ngoc-Ha Nguyen	An Intelligent Control Method for Capacity Balancing and Capacity Estimation in Series-Connected Battery Systems
382294	Silver	Hsiu-Jung Chou, Tsung-En Huang, Yu-Wen Jiang, Yu-Han Wang, Yun-Hui Qiu	Multifunctional Water Supply Device
382365	Silver	Chien-Chih Chen, Shou-Yu Chang, Yu-Chen Huang, Chen-Feng Tu, Chia-Yun Lin, Tzu-Ying Hsu	Upcycled Beverage Carton Phone Stand Design
382367	Silver	Yuang-Tung Cheng, Song-Yan Jiang, Yu-Chih Hsu, Guan-Han Li, Fang-Hsuan Hsu, Ting-Chun Lin	Development of a Smart Clothes Drying Rack Retraction System Based on Environmental Sensing and Automatic Control
382380	Silver	Chia-Hung Lin, Yu-Fan Hsiao, Cheng-Xiu Li, Pi-Yun Chen, Ping-Tzan Huang, Chien-Ming Li	Virtual Long-Term Care Assistance for Medication Recognition and Medication Reminders in Older Adults with Chronic Diseases
382474	Silver	Guo-Cyuan Lian	Electrically Conductive Lifting and Shock Absorption Module
382568	Silver	Shiow-Jyu Lin, Qi-Wun Chen	Row-Crop Type Unmanned Vehicle Automatic Navigation System and Method

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382576	Silver	Hui-Chen Tsai, Hsiao-Chin Jen, Zi-Yao Chien, Shao-Chi Kuo	SteadySip Pet Station
382627	Silver	Ming-Jhen Hsieh, Ming-Hsiang Chen, Ming-Hua Chang, Jun-Da Chen, Zhen-Yi Xu, Bing-Han Chen Jiang	Flow-Guided Spiral Wind Turbine with an Adaptive Variable-Output-Power Generator
382631	Silver	Zong-Yue Lin, How-Lin Chen, Chien-Chung Chen, Yu-Xian Chen, Ren-Wen Wu, Yun-Yuan Li	Development of a portable AI Smart IoT device for football sports analysis
382664	Silver	Chin-Cheng Wu, Kai-Feng Cheng, Jing-Xiang Lu, Yu-Ren Chen	Smart Poultry House Electronic Nose: Transforming Experience-Based Litter Odor Assessment into a Scientific Litter Management System
382726	Silver	Cheng-Hsiung Tsai, He-Sheng Li, You-Jea Wen, Yu-Hsuan Cheng, Chih-Jui Chen, Hui-Yuan Hsiao	Development of a Sign Language Recognition and Speech System Based on Tensorflow Training Model
382730	Silver	You-Yun Wang, Yi-Syuan Chen, Pei-Iun Hsieh, Ching-Wen Chang, Wan-Hua Wei, Wei-Hsun Wang	Adjustable Modular Nest with Integrated Tubing Fixation Device for Neonatal Incubators
382737	Silver	Yow-Chyi Liu	Multi-Timescale and Multi-Energy Intelligent Energy Management System with Hybrid Energy Storage for Green Buildings
382886	Silver	Cheng-Chung Jaing, Chao-Te Lee, Tan-Dat Le, Wen-Hao Cho, Yu-Chan Lin, Guan-Hong Chen	Determination of EUV optical constants of thin films using multi-angle reflectance fitting
382896	Silver	Shao-Lun Fang, Chih-Hsien Lai, Jung-Chuan Chou, Po-Hui Yang, Po-Yu Kuo	Phosphorene-Modified Zinc Oxide Extended-Gate Field-Effect Transistor Ascorbic Acid Sensor
382917	Silver	Bo-Jun Xiao, Chih-Hsien Lai, Jung-Chuan Chou, Po-Hui Yang, Po-Yu Kuo	MoS2-Modified Dye-Sensitized Solar Cells

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382977	Silver	Yi-Jui Tseng, You-Lin Yi, Hsin-Chin Tsai, Jian-Xun Chen	Motorcycle alcohol lock
383084	Silver	Chun-Pin Chang, Hong-Rui Wei, Rai-Fu Chen	Machine Learning with An Explainable Two-Stage Decision Tree: Indoor Fire and Anomaly Detection
383150	Silver	Kuo-Chien Liao, Mei-Ling Chung, Jirayu Lau, Ssu-En Wang	AI-Powered Real-Time Aircraft Damage Inspection System based on Edge YOLOv9 and IoT
383280	Silver	Chien-Sheng Huang, Yin-Tung Liao, Erh-Chun Chung, Chen-Hsuan Yeh	Circular Economy: Developing Highly Conductive Solid Carbon Ingots from Biomass Waste
383304	Silver	Yi-Chun Hsieh, Zi-Fei Liu, Yu-Jung Chen, I-Fan Lo, Hao-Ming Hung	FORMOYA-Dynamic resume management
383343	Silver	Ying-Hung Yen, Chin-Jung Yu, Pei-Shan Jiang, Li-Hsuan Huang, Ruo-Mel Liao	WarmPoint
383403	Silver	Yen-Chun Huang, Chih-Chiang Yang, Chien-Sheng Huang, Po-Chang Wu	pH-informed nonenzymatic glucose sensing using a Pt-functionalized TiO ₂ nanorod electrode
383455	Silver	Cheng-You Lin, Hou-Jen Chen, Kuan-Yi Wu, Hsin-Yi Yang, Pei-Jun Chou, Chen-Wei Chang	AI-Based Intelligent Sports Diagnosis System with Reliability Assessment
383480	Silver	Yen-Tsung Chang, Tuan-Minh Phan, Bao-Tran Quach, Yi-Lin Chen	Hybrid AI Safety Glasses: Cross-Confirmed Edge AI for Multi-Sensor Construction Hazard Warning
383504	Silver	Ching-Hung Lai, Chia-Cheng Hung, Mu-En Lan, Sheng-Jie Chang, Wen-Lin Zhan, Bing-Qian Wu	Modular Beak-Style Front Fender System for Small-Displacement Motorcycles
383541	Silver	Chung-Yuan Yang, Zi-Cian Hsu, Chia-Cheng Kuo, You-Ting Chen, Chang-Hung Fang	Autonomous Irrigation Canal Monitoring System with Micro-Hydropower Energy Harvesting and Intelligent Power Management

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383550	Silver	Chen-Wei Lee, Kai-Yu You, Meng-Han Tsai, Bo-Hao Zeng, Vu-Long Vu, Ming-Che Wu	EduBrain: An LLM-Workflow-Powered Knowledge Base for Dynamic Teaching Material Generation
383563	Silver	Hao-Chi Chou, Jing-Jie Chen, Kai-Lin Lee, Ya-Chuan Chang, Zhi-En Zhuang	Handheld Retractable Magnetic Device
383566	Silver	Pei-Ru Wang, Bo-Rong Lin	Cabinet Anti-Tipping Device
383570	Silver	Pao-Keng Yang, Nien-Ju Yeh	Determination of Individual Layer Thicknesses of Dual-layer-Heterostructure Films by a Gradient-Decent-Based Transmittance-Spectrum-Feature-Elimination Method
383580	Silver	Guan-Yu Chen, Mao-Yuan Hsu	Housing Structure with a Conductive Adhesive Antenna
383583	Silver	Chi-Ming Wong, Yu-Ze Zhang, Yan-Xu Chen, Che-Yu Chiang	Hybrid Transmit-Only Devices in the RL-Assisted IEEE 802.15.4 Wireless Sensor Networks
383589	Silver	Pang-Chia Chen, Chen-Hung Chung, Ritchel Ryan Serrano, Keith Buenaflor, Preah Keth Sulayao	Folding front forks design for longitudinal two-wheel personal vehicles
383599	Silver	Yu-Chiao Wang, Chih-Yu Lee, Chia-Chun Chen, Tzu-Chi Kuo, Chung-Chan Lien, Nai-Chen Chen	Smart Plant Health Guardian
383611	Silver	Fu-Xiang Zhang, Yung-Cheng Lin, Hai-Yang Kang, Cheng-Hung Ho, You-En Wang, Xin-An Lin	Smart Skin Hydration Risk Monitoring System for Senior Long-Term Care
383612	Silver	Hsin-Kuang Chen, Syuan-Han Chen	Smart Low-Carbon Building Environmental Monitoring and Automatic Energy-Saving Control System
383624	Silver	Yi-Liang Huang, Wan-Chen Hsieh, Ming-Chuan Hung, Ya-Wen Kuo	FlipSight

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383680	Silver	Bo-Han Tsai, You-Ting Chen, Jing-Wu Dong, Chih-Hsien Kung	Edge-Powered Privacy-Preserving Smart Street View Vehicle
383732	Silver	Pei-Ting Chang, Ying-Hong Zhuang, Cheng-Lin Liu	VeloTriX
383743	Silver	Ying-Chiang Hu, Po-Kai Chen, Yau-Ruei Hung, Jui-Cheng Chang, Yu-An Chen, Ting-Hung Wang	Three-Stage Cutting Oil Purification and Regeneration System Utilizing Molecular Adsorption by Micro/Nano Magnetic Beads
383752	Silver	Wan-Chun Wu	Body Function Health Monitoring Bed
383762	Silver	Ching-Hwa Lee, Yu-Rui Huang, Yen-Hui Wu, Chia-An Wu, Zi-Han Zhang	Recycling of lithium-containing waste uninterruptible power supplies
383772	Silver	Zhe-Min Kung, June-Ting Lin	FoodKeeper: A Smart Food Delivery Storage Locker System with Dynamic Volume Allocation and Hysteresis Temperature Control
383786	Silver	Chang-Yue Chiang, Chien-Hsing Chen, Ting-Chou Chen, Yi-Hong Li, Hui-Yi Chiu, Tsung-Fu Tu	Ag-Mirror-Assisted Reflection-Mode Fiber-Optic LSPR Platform for Ultrasensitive Immunosensing
383792	Silver	Shih-Chang Wang, Ting-Hong Liang, Chao-Wei Hsu, Shang-Cheng Wang	SafeDose Guardian
383796	Silver	Chang-Yue Chiang, Chien-Hsing Chen, Ruei-Lin Hsu, Jia-En Chen, Hui-Yi Chiu, Tsung-Fu Tu	Image-Based Plasmonic Sensor Using Silver Nanoplates for Real-Time Pesticide Detection
383800	Silver	Chung-Fu Huang, Yi-Cheng Wang, Wei-Ru Chen, Yong-Sing Chen, Yi-Hsuan Cheng, Chun-Wei Chan	Mitigating Indoor Ultrafine Particulate and Odorous Effluents Generated by High-Temperature Aerodynamic Food Processing
383802	Silver	Kuo-Hao Lee, Phat Loi Le, Bo-Ren Chiou, Ching-	The Application of Raman Intensity Ratio as a Thickness Indicator for Micrometer Scale ReSe2

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		Hwa Ho, Cheng-Lianh Hsu	
383811	Silver	Yun-Lun Hsieh, Yung-Hsin Chao, Shih-Cing Wang, Yi-Chang Wu, Hong-Quan Su	A Counterweight Shifting System for Bicycles
383833	Silver	Hsien-Sheng Lin, Cheng-Yi Syu, Yu-Jen Chen, Bo-Yu Jhuang, Ping-Yang Lee, Ping-Tse Lee	A New Smart Health Parameter Alert Device
383842	Silver	Yih-Shing Lee, Bing-Yu Wu, Guan-Ru Chen, Wei-Sheng Liu, Jun-Wei Zhu, Cheng-Wei Yang	A Radiation-Hardening Technology for Metal Oxide Thin-Film Transistors
383852	Silver	Wei-Di Chen, Chia-Wei Chang, Ming-Ruei Guo, Shao-Feng Yeh, Chun-Chieh Yang You-Xuan Luo	Intelligent Checked Baggage Management System for Airlines
383855	Silver	Wei-Di Chen, Han-Lin Chiang, Shao-Feng Xue, Xuan-Yao Zhang, Chia-Wei Chang, Yu-Tang Hsu	Smart Sleep Therapy Assistant
383858	Silver	Wei-Di Chen, Zhi-En Chen, Shao-Huan Chung, Shao-Qi Xu, Lo-Ping Yu, Chao-Chun Huang	AI-Based Personalized Nutrition Management System
383874	Silver	Yu-Xin Lin, Hsiao-Chin Jen, Chia-Chen Yu, Ta-Cheng Chen	AI-Powered Smart Plate for Sustainable and Healthy Eating
383906	Silver	Lai-Yu Cheng, Wen-Hui Chen, Tzu-Yun Lin, Yu-Fang Lin, Yi-Tung Liu	Independent Environment Resting System

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383941	Silver	Chia-Ching Wu, Yu-Xiang Chen, Ping-Chieh Lee, Chia-Ying Hsiao, Chih-Hsuan Hsueh, Yu-Min Chin	Microplastic Detection and Filtration System
383949	Silver	Ting-Yuan Chen	AI-Powered Smart Marine Garbage Detection and Collection Boat
383953	Silver	Chen-Hao Chiu, Yu-Jie Huang, Pei-Yi Wu, Jun-Ye Lu, I-Fan Lo, Hao-Ming Hung	Modular Magnetic Circuit Learning Kit
383977	Silver	Yuang-Tung Cheng, Cheng-Hsiung Tsai, Yi-Cheng Fang, Guan-Han Li, Song-Yan Jiang, Zhi-Rui Chen	Development of a multi-source hybrid power generation system with maximum power point tracking and output control
383978	Silver	Mei-Ju Chen, Yen-Chi Sun	Peripheral Intravenous Catheter (PIVC) Blood Return Detection Device
383985	Silver	Chieh-Yun Chen, Shih-Ying Chen, Shu-Jing Wu	Effects of functional black rice husk and broken rice plant milk products on diabetes attenuation in high-fat diet-induced mice via activation of IRS1/PI3K/Akt insulin signaling pathway
383999	Silver	Yu-Ying Hsu, Hong-Ya Huang, Yu-Jiao Cheng, I-Fan Lo, Hao-Ming Hung, Chi-Tung Chen	Rice Tableware and Manufacturing Method Thereof
384001	Silver	Chih-Yen Liu, Ming-Ling Kuo, Yu-Hsuan Cheng, Han-Lin Hsiung, Chung-Chang Lien, Chung-Yung Tu	SoundLight Alert Device

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384002	Silver	Chung-Chyi Chou, Chu-Chung Shang Kuan, Bo-Qiao Fu	Multi-feature Fire Detection & Zoned Control for ICE and EVs
384003	Silver	Wei-Chi Lai, Pao-Yu Chang, Ji-Cheng Nian, Ping-Hsuan Yu, Li-En Chen, Hsin-Ya Chen	Green Dual-Functional Integrated Membrane System for Carbon Capture
384010	Silver	Chung-Chyi Chou, Wei-Chuan Wang, Po-Wei Wang, Tsung-Hsien Chiang	Study of a Modular Framework for Compressed-Air System Diagnostics, Energy and Carbon Management, and Digital Science Education
383671	Silver	I-Hsin Hsu, Shin-Yan Li, Ling-An Yen, Hsu-Yuan Tang, Ming-Chun Lu	FROM WASTE TO VALUE -Nutrient Recovery from Swine Wastewater Using Fluidized-Bed Homogeneous Crystallization Technology
384020	Silver	Wan-Chun Hsu, Rong-Ching Wu, San-Yuan Wang, Guan-Hung Lin, Yen-Ting Lin	Hardware Design of an NPU-Based V2N DDoS Behavior Detector Using a Lightweight One-Dimensional CNN and Window-Based Traffic Statistical Features
384021	Silver	Samuel Y. Ruan, Ting-Ting Chang, Chia-Yun Chen, Yun-Feng Ruan, Chao-Wei Wang, You-Xin Zhang	Pipe-in-Pipe Zero-Waste Hot Water System
384039	Silver	Wen-Chih Yang, Tzu-Chieh Hsu, Yu-Tian Liou, Ji-Jhang Liou, Jhih-Yuan Chen, Yu-Hsuan Shen	Underpass Intelligent Management System for Vehicles
384075	Silver	Kwan-Nin Kuo, Cheng-Kuo Lin, Ding-Yu Kang, Yu-Xuan Wu, Hung-Chun Wu, Yu-Ching Kang	A method for wet etching by a bipolar pulse voltage

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384152	Silver	Shih-Heng Peng, Chien-Ai Ting, Xin-Di Yu, Jia-En Xu, Yo-En Wang, Zheng-Kuan Lin	Smart Air Conditioner Automatic Diagnosis and Maintenance Notification System
384164	Silver	Chong-Cheng Huang, Ting-Hua Zhou, Zheng-Long Wu, Zhan-Hong Zhang, Jia-Hua Zhang, Geng-Yi Li	Design and development of an innovative and smart AIoT vehicle painting system
384197	Silver	Jeng-Ping Lin, Chih-Wei Yang, Ya-Ching Shang, Ju-Hsien Chen	A Tabletop Interactive and Real-Time Service Dispatch System Based on Multimodal Emotion Recognition
384207	Silver	Sheng-Chiuan Weng, Sheng-Hung Weng	Continuous Multi-Point Spherical Indentation System for Hardness Mapping and Mechanical Property Measurement
384212	Silver	Hong-Wei Xu	Calibrate as You Measure: Low-Cost Thermal Sensing with Built-In Temperature References
384213	Silver	Tseng-Fung Ho, Van-Sy Hoang, Wei-Ming Ho, Chih-Ling Lin	AI-Powered Automated Optical Inspection and Defect Judgment Decision System for Printed Circuit Boards.
384215	Silver	Chai-Ho Wu, Cheng-Yang Liu, Dong-Hua Ni, Guo-Bing Zhou, Zong-Lin Lin, Bing-Siou Wu	Circuit transmission structure and circuit board
384216	Silver	Wei-Tung Kuo, Han-Lin Xiong	SmartStep Future Multifunctional Smart Four-Wheel Safety Cane

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384476	Silver	Yu-Chuan Liao, Chang-Yu Lin, Fei Yu, Shi-Heng Zeng, Guan-Hao Ghen, Kai-Shiang Hsu	CORAL LOOP: Parametric Modular Coral Reef Restoration System
384483	Silver	Shan-Yi Shen, Hsin-Tzu Lin, Liao-Hsu Yang, Yu-Chen Wu	Complete Degradation of TCE via a Low-Energy Ga ₂ O ₃ Catalytic Electrode
384588	Silver	Yu-Chih Chang, Yung-Chih Chang, Shu-Chen Liao, Wen-Chung Chang	Integrated Toilet Seat Cover-Type Device for Stool Specimen Collection, Stabilization, and Detection
384628	Silver	Ping-Tzan Huang	An Intelligent Ensemble Learning Method for Fast Detection and Screening of High-Precision Electronic Components
384671	Silver	Yu-Chuan Liao, Zhi-Xuan Lin, Cheng-En Chuang, Po-Yu Chen, Wei-Xuan Chen, Guo-Hao Chen	Living Loop: Modular Aquaponic Furniture for Home-Grown Greens
384674	Silver	Gwo-Ching Liao, Bo-Tong Liao, Chun-Hung Chu, Kai-Yi Fan Jiang	Quantum AI for Islanded Microgrid Energy Storage
384675	Silver	Gwo-Ching Liao, Bo-Tong Liao, Jiun-Kai Wu, Kai-Yi Fan Jiang, Chun-Hung Chu	GCP-TRA: Certified Safety Layer for AI Microgrid Controllers
384714	Silver	Ming-Cheng Kao, Wei-Cheng Chien, Hung-Yi Lin, Chia-Chun Tsai, Wen-Kai Chen, Chih-Yu Huang	Smart Ti/TiN Multilayer Protective Coating for Enhanced Scratch Resistance and Low-Energy Impact Damage Protection of Aerospace Aluminum Alloys
384718	Silver	Chung-Ping Hsu	Vehicle Collision Instant Throttle Suppression System and Method

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384759	Silver	Yuan-Hsiou Chang, Hsiao-Ling Lu, Cheng-En Liu, Jun-Kai Yang, Cian-Sing Liu, Yun-Chen Chang	Smart BSF: Intelligent Food Waste Bio-Recycling System
385031	Silver	Israel Jose Troncoso Pazmiño, Carlos Kevin Abarca Miranda	Solar-Powered Smart Environmental Monitoring System
385036	Silver	Joseph Alexander Miranda Bajaan	Smart Waste Classification and Recognition System
385040	Silver	Cadence Johnson	Portable Air Quality Monitoring Device
385041	Silver	Martín Rafael Samaniego Oscullo, Ricardo Efrain Meier Cedeno	Smart Indoor Air Quality Improvement System
385062	Silver	Chih-Wen Chen, Tzu-Hsuan Chan, Pin-Jhong Pan Lin, Shao-Chi Su, Chih-Hung Kao	Arm rehabilitation assistive device
386110	Silver	Chih-Wen Chen, Wen-Hsiung Lin, Yong-Jun Han, Hong-Wei Wu, An-Chieh Hsiao, Tzu-Hsuan Chan	Wearable multifunctional arm rehabilitation assistive device
386130	Silver	Wei-Wu Liu, Pin-Hsuan Chen, Yi-chun Lin	Wine tote bag that doubles as a decanter
386152	Silver	Peng-Fei Ma, Chih-Hao Chen, Tien-Yao Chang, Yu-Yeung Tse	Aftermarket timed air–water cleaning module for commercial-vehicle cameras

SID	Medal	Inventor	Invention Title
386156	Silver	Ko-Shih Chang, Wu-Hsien Kuo, Yu-Ting Hsiao, Yi-Ching Chen, Chuan-Ching Hwang	AI Brainwave Detection and Limb Coordination Interactive System for Communication Assistance in Patients with Dementia and ALS
387003	Silver	Jhe-Jhao Chang, Ai-Ling Wu, Chia-Hsin Liou, Ting-Yu Zhang, Hsin-Yu Tseng, Yi Cao	UPUP! Stand-Assist Water Bottle