

Automotive Innovation Patent Portfolio			
Patent Title	Description	Inventor Name	Date
Advanced Electric Vehicle Battery System	A high-capacity battery system designed for electric vehicles, offering extended range and safety.	John Doe	2024-03-15
Autonomous Driving Algorithm	A new algorithm that improves the accuracy and reliability of autonomous driving systems.	Jane Smith	2023-11-30
Solar-Powered Car Roof	An innovative solar panel integrated into the car roof to charge the battery while driving.	Alex Johnson	2023-08-22
Smart Tire Pressure Monitoring System	A system that continuously monitors tire pressure and alerts the driver of any issues.	Maria Garcia	2024-01-10
Eco-Friendly Engine Design	An engine design that reduces emissions and improves fuel efficiency.	Michael Brown	2023-07-05
Regenerative Braking System	A braking system that recovers energy during braking and stores it in the vehicle's battery.	Emily Davis	2023-09-14
Advanced Car Infotainment System	An infotainment system with enhanced connectivity and user interface features.	Daniel Martinez	2024-02-18
Adaptive Cruise Control	A cruise control system that automatically adjusts the vehicle's speed based on traffic conditions.	Sarah Wilson	2023-12-09
Vehicle-to-Everything (V2X) Communication	A communication system that allows the car to interact with other vehicles and infrastructure.	David Lee	2024-04-01
Intelligent Traffic Sign Recognition	A system that accurately detects and interprets traffic signs for autonomous vehicles.	Christopher Anderson	2023-10-21
Electric Vehicle Fast Charging Technology	A fast charging technology that significantly reduces the time required to charge electric vehicles.	Patricia Thomas	2024-03-05
Augmented Reality Head-Up Display	An AR-based head-up display that provides real-time information to the driver.	Linda White	2023-08-18
Biometric Vehicle Entry System	A system that uses biometric data for secure and convenient vehicle entry.	Barbara Harris	2024-01-25
Advanced Lane Keeping Assist	A system that helps the vehicle stay within its lane by providing corrective steering inputs.	James Clark	2023-07-29
Predictive Maintenance System	A system that predicts potential vehicle issues and recommends maintenance before problems occur.	Robert Robinson	2023-10-02
Hybrid Powertrain Optimization	An optimization algorithm for hybrid vehicles to maximize fuel efficiency and performance.	Karen Lewis	2023-11-13
Next-Gen Vehicle Connectivity Platform	A platform that enhances vehicle connectivity for better communication and data sharing.	Mark Walker	2024-02-07
Hydrogen Fuel Cell Vehicle	A vehicle powered by hydrogen fuel cells, offering a sustainable alternative to traditional fuels.	Steven Hall	2023-09-25
Vehicle Interior Air Quality Control	A system that monitors and improves the air quality inside the vehicle.	Susan Allen	2024-01-12

Enhanced Collision Avoidance System	A system that uses sensors and algorithms to prevent collisions with other vehicles and objects.	Edward Young	2023-12-20
Advanced Driver Fatigue Monitoring	A system that detects signs of driver fatigue and provides alerts to ensure safety.	Elizabeth King	2023-07-16
Intelligent Parking Assist	A system that assists drivers in finding and maneuvering into parking spaces.	Brian Wright	2024-03-30
Over-the-Air Vehicle Software Updates	A technology that allows for remote software updates to the vehicle's systems.	Lisa Scott	2023-08-02
Integrated Vehicle Health Monitoring	A comprehensive system that monitors and reports on the overall health of the vehicle.	Richard Green	2023-11-05
Adaptive Headlight System	A headlight system that adjusts the beam direction and intensity based on driving conditions.	Betty Adams	2024-01-20
Advanced Climate Control System	A climate control system that maintains optimal temperature and humidity levels inside the vehicle.	Joseph Baker	2023-09-10
Smart Rearview Mirror	A rearview mirror with integrated display and advanced features such as blind-spot monitoring.	Charles Gonzalez	2023-12-15
Enhanced Vehicle Security System	A security system with advanced features to protect the vehicle from theft and unauthorized access.	Matthew Nelson	2023-07-22
Advanced Navigation System	A navigation system with real-time traffic updates and alternative route suggestions.	Karen Carter	2024-02-23
Intelligent Vehicle Lighting System	A lighting system that adapts to road conditions and enhances visibility for the driver.	Dorothy Mitchell	2023-10-07
Vehicle-To-Home Integration	A system that allows the vehicle to interact with and control smart home devices.	Jason Perez	2023-08-28
Real-Time Vehicle Diagnostics	A diagnostics system that provides real-time information about the vehicle's condition and performance.	Paul Roberts	2024-01-30
Smart Fuel Management System	A system that optimizes fuel usage to improve vehicle efficiency and reduce emissions.	Sandra Turner	2023-09-20
Enhanced Vehicle Aerodynamics	A design that improves the aerodynamic efficiency of the vehicle, reducing drag and increasing efficiency.	Donald Phillips	2023-11-25
Intelligent Vehicle Charging Station Locator	A system that helps electric vehicle drivers find the nearest available charging stations.	Nancy Campbell	2024-03-10
AI-Based Traffic Prediction System	An AI system that predicts traffic patterns and helps the vehicle navigate through congested areas.	Stephanie Parker	2023-12-04
Advanced Vehicle Suspension System	A suspension system that adjusts to road conditions for a smoother ride.	George Evans	2023-07-12
Smart Keyless Entry System	A keyless entry system that uses smartphone connectivity for secure access to the vehicle.	Amy Edwards	2024-01-18
Efficient Thermal Management	A system that optimizes the thermal management of	Ryan Collins	2023-

System	electric vehicle batteries.		08-14
Vehicle-to-Grid (V2G) Technology	A technology that allows electric vehicles to supply energy back to the grid.	Diane Stewart	2023-10-29
Advanced Electric Drivetrain	A drivetrain designed for electric vehicles to enhance performance and efficiency.	Larry Morris	2024-02-11
Augmented Reality Navigation System	A navigation system that uses augmented reality to provide real-time directions and information.	Gloria Rogers	2023-09-18
Smart Vehicle Cabin Monitoring	A system that monitors the cabin for safety and comfort, including child and pet detection.	Eric Reed	2023-12-11
Efficient Regenerative Energy System	A system that enhances the efficiency of energy regeneration in hybrid and electric vehicles.	Rebecca Cook	2024-03-21
Advanced Vehicle Acoustic System	An acoustic system that improves the sound quality and noise cancellation inside the vehicle.	Larry Bell	2023-08-25
Next-Generation Electric Vehicle Motor	A motor designed for electric vehicles with improved power and efficiency.	Janet Morgan	2024-01-07
Intelligent Traffic Light Recognition	A system that recognizes and interprets traffic lights to assist autonomous driving.	Stephanie Bailey	2023-11-18
Smart Vehicle Heating System	A heating system that efficiently warms the vehicle cabin and improves passenger comfort.	Dennis Rivera	2023-09-22
Advanced Vehicle Safety Sensors	Sensors that enhance the vehicle's safety features, including collision detection and avoidance.	Melissa Patterson	2024-02-28
Autonomous Parking System	A system that autonomously parks the vehicle in available spaces.	Johnny James	2023-07-09
Advanced Blind Spot Detection	A system that detects objects in the vehicle's blind spots and alerts the driver.	Adam Hughes	2023-12-17
Enhanced Vehicle Traction Control	A traction control system that improves stability and handling in various driving conditions.	Valerie Patterson	2023-10-13
Smart Vehicle Climate Adaptation	A system that adapts the vehicle's climate controls based on weather conditions and driver preferences.	Helen Flores	2024-01-27
Next-Gen Car-to-Car Communication	A communication system that allows cars to share information about road conditions and hazards.	Bruce Washington	2023-11-01
Efficient In-Wheel Electric Motors	Electric motors integrated into the wheels		
Patent Title	Description	Inventor Name	Date
Advanced Self-Driving Car Navigation	A system enhancing autonomous navigation accuracy in complex environments.	Kevin Walker	2023-07-10
Ultra-Lightweight Composite Car Body	A car body design using lightweight composite materials to improve fuel efficiency.	Emily Brown	2024-02-14
High-Performance Electric Turbocharger	An electric turbocharger that boosts engine performance while maintaining fuel efficiency.	Michael Harris	2023-10-30

Smart Vehicle Voice Control System	A voice control system that allows for hands-free operation of various car functions.	Sarah Johnson	2024-01-05
Vehicle-Based Emergency Medical Response	A system integrated into the car that provides emergency medical assistance in case of accidents.	David Martinez	2023-09-19
Enhanced Autonomous Vehicle Perception	A perception system that improves the ability of autonomous vehicles to understand their surroundings.	Laura Lewis	2023-11-22
Real-Time Road Condition Monitoring	A system that monitors road conditions in real time and adjusts the vehicle's settings accordingly.	Robert Young	2024-03-25
Intelligent Fuel Cell Management	A management system that optimizes the performance and efficiency of hydrogen fuel cells.	Patricia Gonzalez	2023-08-03
Vehicle Occupant Detection and Alert System	A system that detects occupants in the vehicle and provides alerts for safety and comfort.	Christopher Rodriguez	2023-12-27
Autonomous Vehicle Traffic Coordination	A system that coordinates multiple autonomous vehicles to improve traffic flow and safety.	Karen Scott	2023-10-17
Advanced Battery Thermal Management	A thermal management system for electric vehicle batteries that improves performance and longevity.	Joshua Lee	2024-02-09
Vehicle-to-Device Connectivity	A system that allows vehicles to connect and interact with personal devices such as smartphones.	Mary Robinson	2023-07-21
Adaptive Noise Cancellation for Car Interiors	A noise cancellation system that adapts to different driving conditions to reduce interior noise.	Brian King	2023-09-01
Electric Vehicle Wireless Charging	A wireless charging system for electric vehicles that eliminates the need for physical connections.	Rebecca Brown	2023-11-11
Smart Vehicle Speed Limiter	A speed limiter that adjusts based on road conditions and legal speed limits to ensure safety.	Matthew Gonzalez	2024-01-16
Intelligent Head-Up Display	A head-up display that provides critical driving information in an intuitive, augmented reality format.	Deborah Perez	2023-08-27
Advanced Autonomous Emergency Braking	An emergency braking system that enhances the safety of autonomous vehicles.	Eric Anderson	2024-03-02
High-Efficiency Solar Car Charger	A solar charger designed to maximize energy collection for electric vehicles.	Stephen Murphy	2023-12-13
Advanced In-Car Health Monitoring System	A system that monitors the health and well-being of the vehicle occupants.	Susan Martinez	2023-10-06
Smart Traffic Sign Prediction	A system that predicts and displays upcoming traffic signs for improved driver awareness.	James Hernandez	2023-07-27
Autonomous Vehicle Ride-Sharing Platform	A platform that coordinates autonomous vehicles for efficient ride-sharing services.	Mark Harris	2024-02-04
Enhanced Autonomous Parking Sensors	Sensors that improve the accuracy and reliability of autonomous parking systems.	Angela Nelson	2023-09-24
Smart Vehicle Energy Harvesting	A system that harvests energy from the environment to power vehicle systems.	Nancy Carter	2023-11-28

Advanced Vehicle Suspension Control	A suspension control system that adapts to driving conditions for improved comfort and performance.	Kevin Wright	2024-01-22
Intelligent Car Interior Lighting	A lighting system that adjusts to the driver's needs and enhances the driving experience.	Karen Walker	2023-08-10
Smart Vehicle Navigation with Real-Time Updates	A navigation system that provides real-time updates and alternative routes to avoid traffic.	Richard Martinez	2023-12-22
AI-Driven Vehicle Maintenance Alerts	A system that uses AI to predict and alert drivers of upcoming maintenance needs.	Sandra Lee	2023-10-11
Advanced Electric Vehicle Drivetrain	A drivetrain specifically designed for electric vehicles to enhance efficiency and performance.	Jeffrey Hall	2024-03-28
Vehicle Lane Change Assist	A system that assists drivers in making safe lane changes by monitoring blind spots and traffic.	Patricia Adams	2023-08-30
Next-Gen Autonomous Vehicle Decision-Making	An AI-based decision-making system for autonomous vehicles that improves safety and efficiency.	Timothy Brown	2023-12-07
High-Efficiency Regenerative Braking	A regenerative braking system that improves energy recovery and vehicle efficiency.	Kathleen Moore	2024-01-13
Smart Car Seat Adjustment	A car seat system that automatically adjusts for optimal comfort and safety.	Jessica Wilson	2023-09