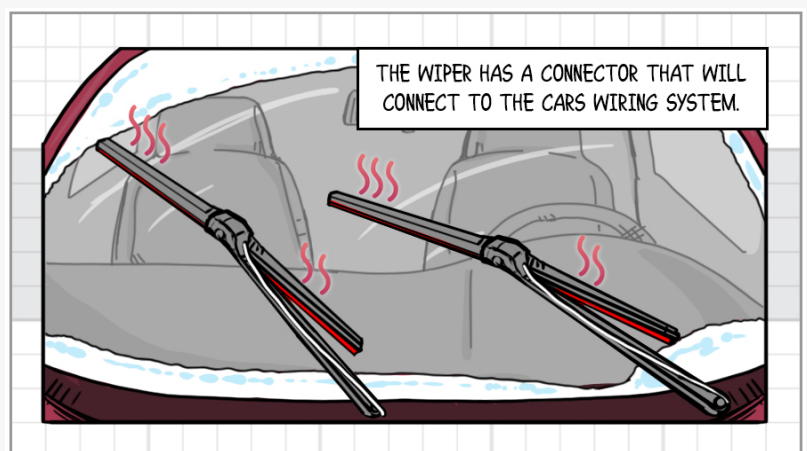
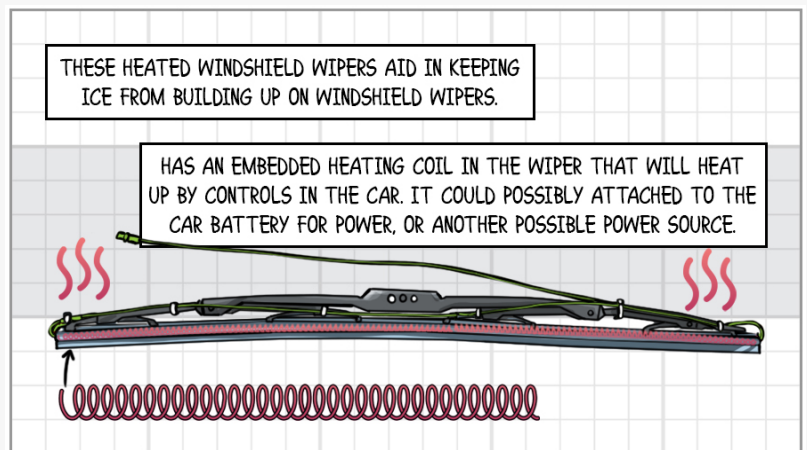


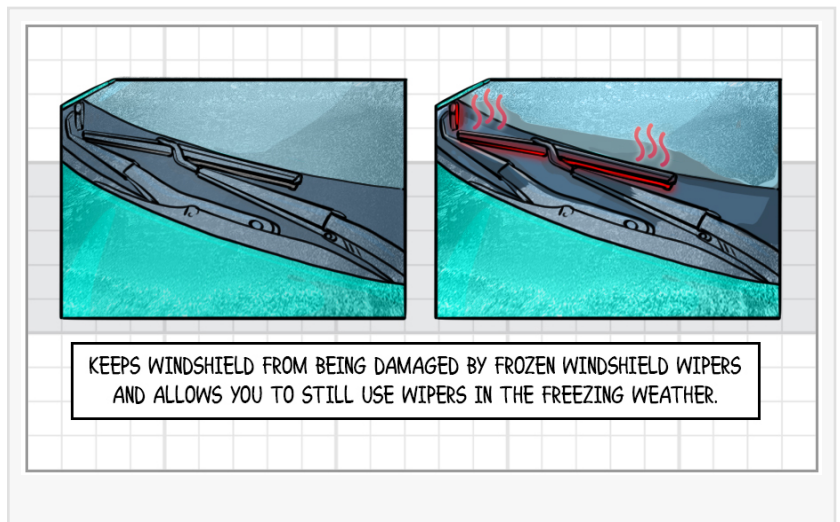
Heated Windshield Wipers Introduce Integrated Heating for Improved Winter Wiper Performance

PITTSBURGH, PA, UNITED STATES, September 1, 2026 /EINPresswire.com/ -- Jonathan and Charity S. of Plant City, FL are the creators of Heated Windshield Wipers, a heated windshield wiper system designed to improve windshield clearing performance in freezing temperatures and winter weather. The system incorporates heating elements directly into conventional windshield wiper blades, allowing the blades to be warmed before or during operation to reduce ice and snow accumulation and help prevent the rubber from freezing to the windshield.

The system is designed around standard-style wiper blades containing integrated electrical heating elements embedded within or positioned along the rubber blade structure. Electrical wiring connects the heating elements to an interior vehicle control, such as a dedicated activation button, allowing the driver to initiate heating from inside the vehicle. When activated, the heating elements generate and transfer heat through the blade to help loosen accumulated ice and snow, maintain flexibility in the rubber material, and reduce adhesion between the blade and windshield.



Potential heating components may include insulated resistance wiring, protective casings, and materials such as nichrome for controlled heat generation. Specialized heating elements, including tungsten-based components, may also be incorporated depending on the desired operating characteristics. Thermal transfer materials and electrical insulation can be used to distribute heat along the blade while protecting surrounding vehicle components. The system may be incorporated into vehicles during manufacturing or developed as an aftermarket installation.



Key features and benefits include:

- Integrated heating elements: Heating components are incorporated directly into the wiper blade assembly to provide localized heat where ice and snow accumulate.
- Reduced blade freezing: Heating helps prevent the rubber blade from adhering to the windshield during freezing conditions.
- Windshield protection: Reducing the presence of frozen, rigid material between the blade and glass can help minimize the potential for scratching or other stress caused by forcing a frozen wiper into operation.
- Insulated electrical construction: Protective insulation and casing can help isolate the heating components and wiring from moisture and surrounding vehicle components.
- OEM and aftermarket compatibility: The concept can be incorporated during vehicle manufacturing or developed as an aftermarket wiper system.

Conventional windshield wipers can become significantly less effective when exposed to snow, freezing rain, and sub-freezing temperatures. Ice can accumulate along the blade, while prolonged exposure to cold can cause rubber components to become rigid and less responsive. In addition to reducing visibility, these conditions can require drivers to manually clear their wipers before operation and can increase the risk of damage when frozen blades are forced against the windshield.

Heated Windshield Wipers provides a simple and convenient solution to these problems by applying controlled heat directly to the wiper assembly rather than relying solely on external defrosting or manual ice removal. The technology provides a practical method for maintaining blade flexibility and reducing winter-related buildup where the wiper contacts the windshield by combining conventional wiper functionality with an integrated heating system.

Jonathan and Charity filed their Utility Patent with the United States Patent and Trademark Office (USPTO) and are working closely with [InventionHome](#), a leading invention licensing firm, to sell or license the patent rights to their Heated Windshield Wipers. Ideal licensing candidates would be U.S. based product manufacturers or distributors looking to further develop and distribute this product innovation.

Companies interested in the Heated Windshield Wipers can contact InventionHome at member@inventionhome.com. Inventors currently looking for assistance in patenting, marketing, or licensing their invention can request information from InventionHome at info@inventionhome.com or by calling 1-866-844-6512.

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