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FOR IMMEDIATE RELEASE

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SPD Window Shade Patent granted, 8th patent filed

STONY BROOK, NY - SPD Control Systems Corporation (SCSC) has announced that it has been granted US Patent 9,261,752 for SPD window shades and sun visors. This functionality, which is among the rich feature set of its TintMaker® product line, operates an SPD window as if a window shade is being pulled down from the top or being pulled up from the bottom. Used with Windows having multiple strips of SPD embedded in them, algorithms built into the TintMaker control the opacity of each strip relative to each other to create this patented effect. The company has also filed its 8th electronics patent related to networks of SPDs used in transportation and architectural applications and has an extensive patent pending in Europe.

Jay Moskowitz, Chairman and Founder of SCSC stated "SPD Control Systems Corporation has been involved in the creation of SPD Smart Glass products for 10+ years and is focused on providing electronic controls for all applications incorporating Suspended Particle Devices. From automotive, rail, marine, aerospace, residential and commercial architectural applications, SCSC is providing the technology to integrate SPDs into a total system environment. It is the electronic controls and their integration with other systems, such as lighting control, sensors, and HVAC systems that give life to these dynamic windows." SPD Windows can not only change from clear to dark or any level in between in 1 - 2 seconds, but more importantly, can control solar heat, blocking up to 95% of heat to reduce temperatures. Selective tinting of a building's façade in the hot summer sun will

reduce HVAC requirements as will leaving dynamic windows clear in the winter allows the sun's heat to reduce the HVAC needs. It has been shown that a car parked in the summer sun could be 10°C / 17°F cooler with SPD windows.

All of the SPD Control Systems patents stem from its original extensive patent filed in 2005 which the patent office initially stated contained at least 8 separate inventions. The company has been filing for each of those inventions over time. All of the granted patents have a priority date of 2005 and will run through at least 2026. Daimler, AG is among the firms who have licensed the SCSC patent portfolio for use in their Magic Sky Control product.

The window shade type of operation is similar in appearance to the feature shown in the first 25 seconds of the Corning Glass video, "A Day Made of Glass" which can be viewed at:

https://m.youtube.com/watch?v=6Cf7IL_eZ38

Sun visors can be embedded into the top portion of automotive windshields and utilize this functionality to control how sunlight hits the driver or front seat passenger. Automotive side windows, railway car windows, and commercial or residential windows can be operated as if they had embedded window shades.

The patent will be published in mid-February and will appear on the SCSC web site.

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SPD Control Systems Corporation is focused on the creation of systems to operate SPD windows in all applications and to integrate solar heat controlling dynamic windows with other transportation and architectural systems.