

OF INCORPORATION)

FILE NUMBER) IDENTIFICATION NO.)

240 CROSSWAYS PARK DRIVE

WOODBURY, NEW YORK 11797-2033

(ADDRESS OF PRINCIPAL EXECUTIVE OFFICES AND ZIP CODE)

REGISTRANT'S TELEPHONE NUMBER, INCLUDING AREA CODE: (516) 364-1902

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01 Regulation FD Disclosure

WOODBURY, NEW YORK – August 21, 2017. Now arriving in the United States are two new Mercedes-Benz models, the S450 and S450 4MATIC S-Class Sedan, which offer a unique panoramic smart glass roof. Press a button and the MAGIC SKY CONTROL panoramic roof instantly switches from tinted to clear.

Joseph M. Harary, President and CEO of Research Frontiers, the company which invented the SPD-SmartGlass technology used in Daimler’s MAGIC SKY CONTROL panoramic roofs, noted: “It’s a cool feature, literally and figuratively. In addition to instantly creating an open-air feeling inside the vehicle without having to open a roof or sunroof, it also makes front and rear passengers more comfortable and creates a safe and efficient work or travel environment. Other benefits include significant heat reduction inside the vehicle (by up to 18°F/10°C), UV protection, glare control, reduced noise and reduced fuel consumption. Independent calculations from automotive component supplier Continental Corporation also show that use of SPD-SmartGlass can reduce CO2 emissions by four grams per kilometer, and increase the driving range of electric vehicles by approximately 5.5 percent.”

With the addition of the new 2018 S450 and S450 4MATIC S-Class Sedans, a total of 14 Mercedes-Benz model variants now offer this remarkable panoramic smart glass roof:

- S 450 S-Class Sedan
- S 450 4MATIC S-Class Sedan
- S 560 4MATIC S-Class Sedan
- AMG S 63 S-Class Sedan
- Mercedes-Maybach S 560 4MATIC
- S550 4MATIC S-Class Coupe
- AMG S63 S-Class Coupe
- AMG S65 S-Class Coupe
- SLC 300 Roadster
- AMG SLC 43 Roadster
- SL 450 Roadster
- SL 550 Roadster
- AMG SL63 Roadster
- AMG SL65 Roadster (Standard Equipment)

The MAGIC SKY CONTROL feature uses patented SPD-SmartGlass technology developed by Research Frontiers to turn the roof transparent by electrically aligning tiny particles in a thin film within the glass. With the touch of a button, drivers and passengers can instantly change the tint of their roof to help keep out harsh sunlight and heat, and create an open-air feeling even when the sunroof is closed. Glass or plastic using Research Frontiers’ patented SPD-SmartGlass technology effectively blocks UV and infrared rays in either mode, helping keep the cabin cooler, and protecting passengers and interiors. These benefits become even more important when a car uses large surface

areas of glass, especially in warm climates.

SPD-Smart technology has proven itself in many aspects, from durability and performance, to sales. MAGIC SKY CONTROL is now in use on tens of thousands of SL's, SLC's, Mercedes-Maybach and S-Class models around the world. Before putting cars into serial production, Mercedes-Benz put the MAGIC SKY CONTROL roof using SPD-SmartGlass technology through rigorous durability and performance testing in some of the most extreme conditions on Earth. This included testing in the arctic cold of Scandinavia (with temperatures below -22°F/-30°C) and the blistering desert heat of Death Valley, California (with temperatures exceeding 122°F/50°C). MAGIC SKY CONTROL blocks over 99% of harmful UV radiation and substantially reduces heat inside the vehicle. Test data published by Mercedes-Benz shows the ability of the roof to reduce sun exposure to 1/20th of direct exposure levels (from over 1,000 watts/square meter to less than 50 watts/square meter). When compared to conventional automotive glass, Mercedes-Benz reported that the use of SPD-SmartGlass significantly reduces the temperature inside the vehicle by up to 18°F/10°C. This increases passenger comfort and reduces air conditioning loads, thereby saving fuel and reducing CO2 emissions.

Details are noted in the press release attached as Exhibit 99.1 to this Current Report on Form 8-K and incorporated herein by reference. The Research Frontiers press release is also available on the Company's website at www.SmartGlass.com and at various other places on the internet.

This report and the press releases referred to herein may include statements that may constitute "forward-looking" statements as referenced in the Private Securities Litigation Reform Act of 1995. Those statements usually contain words such as "believe", "estimate", "project", "intend", "expect", or similar expressions. Any forward-looking statements are made by the Company in good faith, pursuant to the safe-harbor provisions of the Act. These forward-looking statements reflect management's current views and projections regarding economic conditions, industry environments and Company performance. Factors, which could significantly change results, include but are not limited to: sales performance, expense levels, competitive activity, interest rates, changes in the Company's financial condition and several business factors. Additional information regarding these and other factors may be included in the Company's quarterly 10-Q and 10K filings and other public documents, copies of which are available from the Company on request. By making these forward-looking statements, the Company undertakes no obligation to update these statements for revisions or changes after the date of this report.

The information in this Form 8-K or the press release reproduced herein shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, nor shall they be deemed incorporated by reference in any filing under the Securities Act of 1933, except as shall be expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(c) Exhibits.

99.1 Research Frontiers Press Release dated August 21, 2017.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

RESEARCH FRONTIERS
INCORPORATED

By: */s/ Seth L. Van Voorhees*

Seth L. Van Voorhees

Title: CFO and VP, Business Development

Dated: August 22, 2017

