

Firm News | August 29, 2022

Troutman Pepper Helps StemRad on Path to Lunar Launch

Firm Provides Patent Counsel Around Radiation Protection Vest, AstroRad

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NEW YORK – Troutman Pepper client [StemRad](#), a world leader in the provision of personal radiation protection solutions, will see its [AstroRad](#) radiation protection vest blasted into lunar orbit as part of NASA's [Artemis I mission](#). The Artemis I mission is an uncrewed test flight of the new Space Launch System (SLS) rocket and the Orion Spacecraft in preparation for the human return to the moon.

As part of the uncrewed mission, StemRad will assess the protective qualities of AstroRad, an anti-radiation suit co-developed with Lockheed Martin, on human analogs (or mannequins) aboard the Orion. One mannequin, dubbed Zohar, will wear the AstroRad, and the other, Helga, will not, to allow for comparative analysis.

Troutman Pepper attorneys [Louis DelJuidice](#), [Irina Vainberg](#), and [Emily Harmon](#), applied for and obtained patents to numerous aspects of the AstroRad vest. The firm has advised StemRad on its life-saving protection pursuits since 2018.

Comprised of radiation biology experts, nuclear physicists, designers, and engineers and backed by dozens of prominent doctors and scientists including 3 Nobel Laureates, StemRad provides cutting-edge technology to protect our heroes on Earth and beyond. StemRad technology is the first to offer life-saving protection from penetrating ionizing radiation and is making the lives of first responders, military personnel, utility personnel, medical teams and astronauts safer without compromising mission objectives.

Troutman Pepper has a nationally ranked team of attorneys, patent agents, and other professionals that counsels clients on the development, acquisition, management, and monetization of their intellectual property. In addition to providing the complete range of services for patents, trademarks, copyrights, and trade secrets, the firm assists clients with litigation and dispute resolution, licensing, and other transactions.

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