

# AIR-CLENZ + PLASMAGEAR PARTNERSHIP WILL HELP CANADIAN TRAIN & BUS PASSENGERS BREATHE SAFER

*Market-disrupting technology dramatically decreases the risk of potential airborne cross-infection on trains and buses*

ATLANTA, GEORGIA, USA, February 7, 2023 /EINPresswire.com/ -- [Air-Clenz SystemsTM](#) (Air-

“

We are most pleased that PlasmaGear selected Air-Clenz units for its commercial entry into cleaning air in buses and trains in Canada, and we look forward to a close working relationship with them.”

*Dr. Ron Blum, Founder and Chairman of Air-Clenz*

ClenzTM) and [PlasmaGear](#) announced today an exclusive partnership to significantly reduce risks of cross infection from airborne disease when traveling on buses and trains in Canada. Air-Clenz granted PlasmaGear an exclusive license to install seat back Air-Clenz units in buses and trains. PlasmaGear, a Montreal-based company, has a proprietary antiviral HEPA filter that can be cleaned and reused multiple times. The PlasmaGear-developed HEPA filter will be used within the Air- Clenz units.

Dr. Ron Blum, Founder and Chairman of Air-Clenz, stated: “We are most pleased that PlasmaGear selected our Air-Clenz units for its commercial entry into cleaning the air in buses and trains in Canada, and we look forward to a close

working relationship with them.”

The Air-Clenz unit is the only maskless technology known that can stop, capture, and clean exhaled air (breath, cough, or sneeze) to a 99.97% level, free of allergens, bacteria, and viruses, within one meter of an individual's face. In addition, multiple Air-ClenzTM units considerably increase the clean air changes per hour within an enclosed space, such as a vehicle. The Air-Clenz seat back design is extremely effective for several modes of transportation, especially buses, trains, automobiles, aircraft, and etc. PlasmaGear's filter combined with Air-Clenz technology makes a highly effective product to reduce the spread of airborne disease.”

“National Research Council Canada, Transport Canada, and PlasmaGear closely work together to improve the air quality in buses and trains” explained Dr. Roozbeh Safavieh, CEO of PlasmaGear. “We are honored and excited to announce that we have the Air-ClenzTM unit's license for

Canada. PlasmaGear-developed HEPA filter contains thin, durable, nanofiber membranes with virucidal properties, viral and submicron particulate filtration capabilities, and hydrophobic qualities to ensure long term use."

"I agree with Dr. Blum: the combination of our proprietary antiviral filter with the Air-Clenz seatback unit is the most effective and efficient way to reduce the spread of airborne disease."

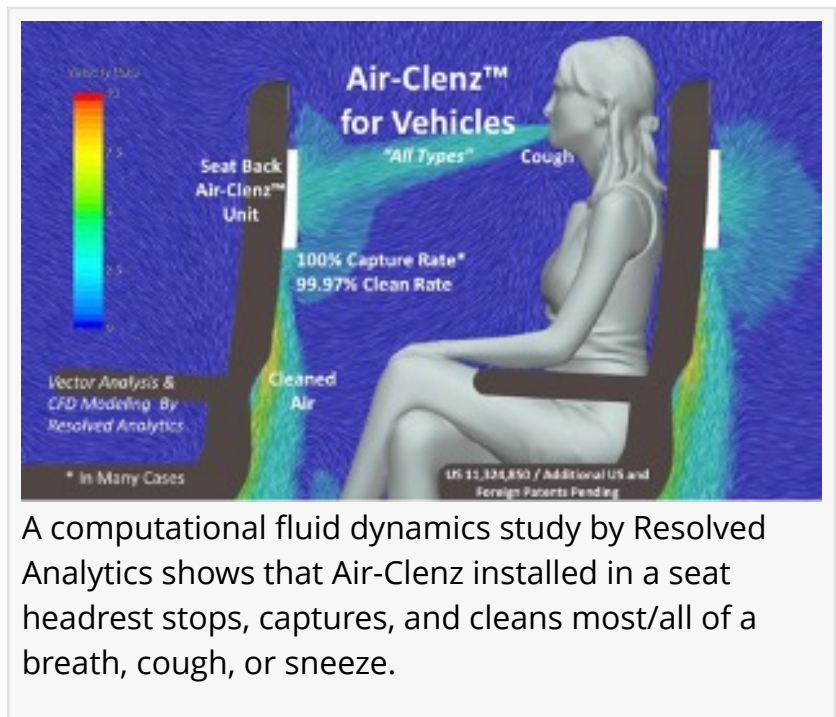
"We know through studies that, despite best efforts of manufacturers and operators, the air inside aircraft, trains, and other forms of transportation is a source of potential airborne disease cross- infection," says Stu Sheldon, Air-Clenz Chief Executive Officer. "Also, studies show that Air-Clenz™ integrated with seat backs reduces risks of onboard infection by two to three times."

#### About PlasmaGear

PlasmaGear, based in Montreal, was founded in 2019 with the goal of developing and commercializing advanced nanospun filters. Our innovative electrospinning process, combined with plasma-based surface engineering, results in the efficient production of high-performance air filters. Our standout product, Clearnano™ Face Mask (<https://www.plasmagear.ca/facemasks>), is a fully breathable transparent surgical mask that allows for visual communication and speech reading. Additionally, we offer a disruptive antiviral HEPA filter (AirShade™) that captures and inactivates viral aerosols while creating lower pressure drop compared to traditional HEPA filters. We are targeting FDA clearance for Clearnano™ in Q3 2023 and commercially launch AirShade™ in the same quarter.

#### About Air-Clenz Systems™

Air-Clenz Systems™ (Air-Clenz) based in Atlanta, Georgia, was launched by success-proven inventors, scientists, and collaboration partners attempting to solve major global challenges sparked by the coronavirus pandemic, with an eye to benefit the global population. The Air-Clenz patented technology focuses on the quick capture and cleaning of airborne diseases and particles from exhaled breath and general air before they disperse within an indoor space and potentially infect or harm others. The technology can be adapted to work in most indoor venues where individuals are seated, including schools, offices, houses of worship, learning institutions, theatres, and vehicles of all types, including aircraft.



A computational fluid dynamics study by Resolved Analytics shows that Air-Clenz installed in a seat headrest stops, captures, and cleans most/all of a breath, cough, or sneeze.

The Air-Clenz business model is to license or sell its intellectual property after inventing, developing working prototypes, and protecting its IP with US and international patents.

Contacts:

Stu Sheldon, CEO, Air-Clenz Systems / +1 404-754-4004 / [Stu@Air-Clenz.com](mailto:Stu@Air-Clenz.com)

Roozbeh Safavieh PhD, CEO, PlasmaGear / +1 (438) 728-1243 / [roozbeh@plasmagear.ca](mailto:roozbeh@plasmagear.ca)

Stuart Sheldon

Air-Clenz Systems, LLC

+1 404-754-4004

[email us here](#)

Visit us on social media:

[Twitter](#)

[LinkedIn](#)

[YouTube](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/615680189>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.