Zentek in the Global Spotlight for ZenGUARD™ Technology Patent

written by InvestorNews | December 16, 2022

Zentek Ltd. (NASDAQ: ZTEK | TSXV: ZEN), an IP development and commercialization company, has recently achieved a major milestone with their revolutionary product, ZenGUARD™ Technology. As of December 2022, all 54 claims in the company's Canadian patent application were granted by the Canadian Intellectual Property Office (CIPO). This momentous achievement is an essential step in obtaining global patent protection for ZenGUARD™ Technology.

The result of two years of research and testing by 21 global partners, the ZenGUARD™ Technology is a cutting-edge nanotechnology based on their graphene-oxide silver compound designed to create an invisible barrier on the surface of the mask.

In order to evaluate the performance of ZenGUARD™ masks compared to standard surgical masks, American Society for Testing and Materials (ASTM) Level 3, 3-ply uncoated masks were used as a comparison group. The results showed that the ZenGUARD™ masks had 98.9% more bacterial removal efficiency and 97.8% more virus removal efficiency than standard surgical masks. Furthermore, these results were achieved with minimal added weight or bulkiness to the face masks, meaning they remain comfortable while providing superior protection against bacteria and viruses.

Zentek's accomplishment of getting a patent for their ZenGUARD™ technology for personal protective equipment and heating,

ventilation, and air conditioning applications marks a significant milestone for the company and could set them up for success globally. This accomplishment took just two years from concept to fully protected asset.

CEO Greg Fenton’s leading Zentek highlights their devotion to technology. The dedication to developing the concept and transforming it into a potential revenue-generating asset shows not only the commitment of Mr. Fenton but also Zentek as a whole. They have made great strides in an efficient amount of time and with promising results. This result highlights their capacity to take ideas from the lab bench to the market with patent protection.

With this success comes validation of their business model and a platform from which to extend their rights globally; plans are underway to eventually launch ZenGUARD™ Technology worldwide. Zentek also recently announced they are working with patent attorneys to extend patent protection of commercial rights on a global scale. This collaboration is an exciting example of how two organizations can use their collective knowledge to ensure businesses can maximize their intellectual property rights across international borders.

Patent protection extends beyond copyright and trademark law, making it essential for modern companies to understand worldwide patent regulations in order to capitalize on their innovations. By relying on the expertise of IP counsel, Zentek will likely take full advantage of their rights across the globe.

This achievement not only validates Zentek’s business model but also demonstrates that its product is both effective and marketable on a global scale. The ability to extend patent protection internationally opens many doors of opportunity for the company; they can now capitalize on their existing

investments while also exploring new markets that were previously unavailable due to a lack of legal protection or recognition of intellectual property rights outside Canada’s borders. With access to these new markets, there are a number of possibilities ahead for the company—especially when it comes to expanding its customer base and revenue stream potential.

In summary, Zentek Ltd.’s recent achievement of getting a patent for ZenGUARD™ marks an important milestone in the company’s history—one that will potentially lead them down a path toward success both domestically and abroad. With access to new markets made available through patent protection globally, this opens up many opportunities for growth within the industry. As we look forward to 2023, we can continue to look for new developments ahead from Zentek Ltd., especially with regard to its revolutionary product ZenGUARD™ Technology.