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Paindrainer AB to be granted Japanese patent for its unique patient-centric concept for chronic pain management

LUND, SWEDEN – Paindrainer AB, a leading innovator in digital healthcare, announces that the Japanese Patent Office has confirmed patentability of the company's proprietary artificial-neural-network-driven platform for comprehensive, patient-centric chronic pain management.

At its core, this patent outlines a personalized pain-management platform that leverages users' own data and a neural network analysis to provide tailored recommendations. These recommendations are fully adaptive to each user, aiming to alleviate pain and enhance quality of life by adjusting behaviors or activities. The patent also provides a basis for pursuing additional protection for other indications.

"The successful grant of our patent in Japan marks yet another significant milestone in our journey towards revolutionizing pain management. With our patent granted both under EPO as well as in the US we are now further strengthening our international IP rights in another important market. Receiving further recognition for the cutting-edge technology we have built, and the value it creates, is very meaningful to us.", says Erik Frick, CEO Paindrainer AB.

Paindrainer AB collaborates with Potter Clarkson LLP IP law firm for strategies and applications.

"It is outstanding to see the geographical scope of Paindrainer's patent protection continue to grow, with key markets of the US, Europe and now Japan successfully covered. With these granted patents secured, I am certain that Paindrainer will continue to go from strength to strength in supporting patients with chronic pain around the world.", says Dave Clark, Partner at Potter Clarkson.

The Paindrainer® mobile application is the first evidence-based digital tool demonstrating improved quality of life for individuals living with chronic pain. The product is classified as a Class I Software as a Medical Device (SaMD) and is 510(k) exempt. Paindrainer leverages advanced adaptive algorithms and a proprietary 360° patient-centric framework to help users better understand their activity patterns and make informed decisions that support improved daily functioning. Early real-world use and clinical evidence underpin the platform's value, positioning Paindrainer as a differentiated, scalable solution within the digital health and pain-management markets.

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Paindrainer

About Paindrainer AB

Paindrainer AB is a company developing digital platforms and applications contributing to health and well-being. Paindrainer was founded in 2018 by Prof. Carl Borrebaeck, Dr. Maria Rosén Klement, and Göran Barkfors. The idea was born when Maria, after participating in several pain rehabilitation programs, realized that pain is affected by many more factors than the human brain can comprehend.

Paindrainer® is the first evidence-based AI powered digital tool demonstrating improved quality of life in patients suffering from chronic pain.

Paindrainer® coaches the users in managing their pain and planning their day and to ensure that there is enough energy left for highly valued activities. The solution is powered by leveraging advanced algorithms and is fully adaptive to each patient, a feature called 360° patient-centricity®.

Paindrainer® (PD Care System) is as a Class I Software as a Medical Device (SaMD) and is 510(k) exempt.

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