



CHF Solutions Expands its Patent Portfolio with Four Applications for Innovations for Aquapheresis Therapy

January 30, 2020

EDEN PRAIRIE, Minn., Jan. 30, 2020 (GLOBE NEWSWIRE) -- CHF Solutions (Nasdaq: CHFS) today announced the filing of four patent applications with the United States Patent and Trademark Office (USPTO) to protect new innovations for use in aquapheresis therapy and further strengthen the company's intellectual property protection for its Aquadex FlexFlow® system.

"At CHF Solutions, we are dedicated to the development of innovations to change the lives of patients suffering from fluid overload," said John Erb, chairman and CEO of CHF Solutions. "We believe that the innovations captured in these pending patent applications will improve the delivery of aquapheresis therapy."

The first application includes multiple potential new features and improvements to the diagnostic and ultrafiltration capabilities of the Aquadex FlexFlow system, which, if incorporated into the product, would be designed to improve usability for healthcare providers and guide therapy for optimum patient fluid balance. The second application is based on the company's design for a wearable device intended to assist in maintaining peripheral venous blood flow access in the arm during ultrafiltration treatment. The third application involves a wearable medical device designed to promote venous return. The fourth application involves a device designed to assess circulatory status during therapy.

About CHF Solutions

CHF Solutions, Inc. (Nasdaq:CHFS) is a medical device company dedicated to changing the lives of patients suffering from fluid overload through science, collaboration, and innovative technology. The company is focused on developing, manufacturing, and commercializing the Aquadex FlexFlow system for ultrafiltration therapy. CHF Solutions is a Delaware corporation headquartered in Minneapolis, Minnesota with wholly owned subsidiaries in Australia and Ireland. The company has been listed on the Nasdaq Capital Market since February 2012.

About Aquadex FlexFlow System

The Aquadex FlexFlow system is a clinically proven therapy that provides a safe, effective, and predictable method of removing excess fluid from patients suffering from fluid overload. The Aquadex FlexFlow system is indicated for temporary (up to eight hours) ultrafiltration treatment of patients with fluid overload who have failed diuretic therapy, and for extended (longer than 8 hours) ultrafiltration treatment of patients with fluid overload who have failed diuretic therapy and require hospitalization. The company has submitted an application to the FDA requesting for 510(k) clearance of the Aquadex FlexFlow system to include pediatric patients who weigh 20kg or more. All treatments must be administered by a healthcare provider, under physician prescription, both of whom having received training in extracorporeal therapies.

Forward-Looking Statements

Certain statements in this release may be considered forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including without limitation, the ability of the design features contained in the patent applications to improve product performance. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements in this release, including, without limitation, those risk associated with our ability to execute on our commercial strategy, the possibility that we may be unable to raise sufficient funds necessary for our anticipated operations, our post-market clinical data collection activities, benefits of our products to patients, our expectations with respect to product development and commercialization efforts, our ability to increase market and physician acceptance of our products, potentially competitive product offerings, intellectual property protection, our ability to integrate acquired businesses, our expectations regarding anticipated synergies with and benefits from acquired businesses, and other risks and uncertainties described in our filings with the SEC. Forward-looking statements speak only as of the date when made. CHF Solutions does not assume any obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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Source: CHF Solutions, Inc.