

BioLife Solutions and SAVSU Technologies to be Awarded Second Patent for Next Generation Cold Chain Technologies Designed for Cell and Gene Therapies

12 Additional Pending Patent Applications Submitted for evo® Smart Shippers, Liquid Nitrogen Dry Vapor Shippers and Cold Chain SaaS Application

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BOTHELL, Wash. and ALBUQUERQUE, N.M., March 26, 2018 [PRNewswire/](#) -- [BioLife Solutions](#), Inc. (NASDAQ: BLFS), the leading developer, manufacturer and marketer of proprietary clinical grade cell and tissue [hypothermic storage](#) and [cryopreservation freeze](#) media, and [SAVSU Technologies](#), the leading developer of smart, [precision biologic shipping containers](#) and cloud-based cold chain management SaaS solutions, today announced that the USPTO has issued a notice of allowance for a second patent application titled "Biologic Stability, Delivery Logistics and Administration of Time and/or Temperature Sensitive Biologic Based Materials". The inventors are Bruce McCormick, President of SAVSU Technologies, and Mike Rice, CEO of BioLife Solutions.

The patents will issue on April 10th, 2018, under patent numbers 9,939,422 and 9,939,423.

Since the formation of the BioLife Solutions – SAVSU Technologies joint venture in the fourth quarter of 2014, the companies have submitted 12 other patent applications related to novel innovations incorporated into current, or to be incorporated into future, precision thermal shipping containers under the evo brand, including models that precisely maintain biologic payload temperature stability across the entire shipping continuum including -196°C using liquid nitrogen dry vapor shippers, -80°C using dry ice, and 2° - 8°C and controlled room temperature (CRT) using conditioned phase change insulating materials. These patent applications also include claims related to the evo.is Cold Chain Software as a Service (SaaS) live cell visibility platform.

Bruce McCormick commented, "We are pleased to receive this second notice of allowance of what we believe will be a series of patent grants. We filed several applications to protect our growing intellectual property estate. We believe our hardware and software innovations, embodied in current and future evo models, will offer significant value to the growing regenerative and personalized medicine markets."

Mike Rice, BioLife CEO, remarked, "This notice of allowance is another validation of the vision SAVSU and BioLife formed several years ago, with a focused and intentional goal to improve cold chain logistics of cell and gene therapies. We believe the advanced and innovative evo hardware and software technologies will have tremendous impact on the preservation, delivery, and quality management of these precious, time and temperature sensitive biologic medicines."

About SAVSU

SAVSU is a leading designer and manufacturer of innovative high-performance cloud-connected passive storage and transport containers for temperature sensitive biologics and pharmaceuticals. Our mission is to improve global health by greatly reducing the waste and risks associated with the improper freezing and overheating of thermal-sensitive medicines and biologics. SAVSU has developed proprietary state-of-the-art technology to ultimately lower costs and improve delivery of these most essential materials. For more information please visit www.savsu.com.

About BioLife Solutions

BioLife Solutions is the leading developer, manufacturer and supplier of proprietary clinical grade cell and tissue [hypothermic storage](#) and [cryopreservation freeze](#) media for cells and tissues. Our proprietary HypoThermosol® and CryoStor® platform of biopreservation media products are highly valued in the regenerative medicine, biobanking and drug discovery markets. These are serum-free, protein-free, fully defined, and formulated to reduce preservation-induced cell damage and death. Our enabling, embeddable technologies provide commercial companies and clinical researchers significant improvement in shelf life and post-preservation viability and function of cells, tissues, and organs.

For more information please visit www.biolifesolutions.com, and follow BioLife on [Twitter](#).

Cautions Regarding Forward Looking Statements

Except for historical information contained herein, this press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements include, but are not limited to, statements concerning the company's anticipated business and operations, the potential utility of and market for its products and services, potential revenue growth and market expansion, commercial manufacturing of our customers' products, and projected financial results. All statements other than statements of historical fact are statements that could be deemed forward-looking statements. These statements are based on management's current expectations and beliefs and are subject to a number of risks, uncertainties and assumptions that could cause actual results to differ materially from those described in the forward-looking statements, including among other things, uncertainty regarding market adoption of products; uncertainty regarding third party market projections; market volatility; competition; litigation; and those other factors described in our risk factors set forth in our filings with the Securities and Exchange Commission from time to time, including our Annual Report on Form 10-K and Quarterly Reports on Form 10-Q. We undertake no obligation to update the forward-looking statements contained herein or to reflect events or circumstances occurring after the date hereof, other than as may be required by applicable law.

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