

September 16, 2021



Lightbridge Receives Notice of Allowance for Key Patent in Japan

RESTON, Va., Sept. 16, 2021 (GLOBE NEWSWIRE) -- [Lightbridge Corporation](https://www.ltbridge.com) (Nasdaq: LTBR), an advanced nuclear fuel technology company, today announced that it received a Notice of Allowance for a key divisional patent in Japan related to Lightbridge's innovative metallic fuel rod and fuel assembly design for use in CANDU-type reactors. The newly issued patent is based on the 2015 Patent Cooperation Treaty (PCT) patent application and covers a mixed grid arrangement of metallic fuel rods inside a fuel assembly.

Lightbridge Fuel™ has been designed to enhance the safety and economics of nuclear power for both existing and next-generation nuclear reactors.

Seth Grae, President and CEO of Lightbridge commented, "We are pleased to have been granted this latest patent in Japan, which is an important market for Lightbridge. This patent is the latest addition to our growing intellectual property portfolio and follows similar approvals in other markets worldwide. Together with the recent spike in spot uranium prices and the realization that achieving reduced carbon emissions in the coming years will require an abundance of nuclear power throughout the world, we believe Lightbridge Fuel will play an important role in nuclear's expanding global footprint."

About Lightbridge Corporation

Lightbridge (NASDAQ: LTBR) is an advanced nuclear fuel technology development company positioned to enable carbon-free energy applications that will be essential in preventing climate change. The Company is developing Lightbridge Fuel™, a proprietary next-generation nuclear fuel technology for Small Modular Reactors, as well as existing light-water reactors, which significantly enhances reactor safety, economics, and fuel proliferation resistance. To date, Lightbridge has been awarded twice by the U.S. Department of Energy's Gateway for Accelerated Innovation in Nuclear program to support development of Lightbridge Fuel™. Lightbridge's innovative fuel technology is backed by an extensive worldwide patent portfolio. Lightbridge is included in the Russell Microcap® Index. For more information, please visit: www.ltbridge.com.

To receive Lightbridge Corporation updates via e-mail, subscribe at <https://www.ltbridge.com/investors/news-events/email-alerts>

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Forward Looking Statements

With the exception of historical matters, the matters discussed herein are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including statements regarding the timing and outcome of research and development activities, other steps to commercialize Lightbridge Fuel™ and future governmental support

and funding for nuclear energy. These statements are based on current expectations on the date of this news release and involve a number of risks and uncertainties that may cause actual results to differ significantly from such estimates. The risks include, but are not limited to: the Company's ability to commercialize its nuclear fuel technology; the degree of market adoption of the Company's product and service offerings; the Company's ability to fund general corporate overhead and outside research and development costs; market competition; our ability to attract and retain qualified employees; dependence on strategic partners; demand for fuel for nuclear reactors, including small modular reactors; the Company's ability to manage its business effectively in a rapidly evolving market; the availability of nuclear test reactors and the risks associated with unexpected changes in the Company's fuel development timeline; the increased costs associated with metallization of our nuclear fuel; public perception of nuclear energy generally; changes in the political environment; risks associated with the further spread of COVID-19, including the ultimate impact of COVID-19 on people, economies, and the Company's ability to access capital markets; changes in the laws, rules and regulations governing the Company's business; development and utilization of, and challenges to, our intellectual property; risks associated with potential shareholder activism; potential and contingent liabilities; as well as other factors described in Lightbridge's filings with the Securities and Exchange Commission. Lightbridge does not assume any obligation to update or revise any such forward-looking statements, whether as the result of new developments or otherwise, except as required by law. Readers are cautioned not to put undue reliance on forward-looking statements.

A further description of risks and uncertainties can be found in Lightbridge's Annual Report on Form 10-K for the fiscal year ended December 31st, 2020 and in its other filings with the Securities and Exchange Commission, including in the sections thereof captioned "Risk Factors" and "Forward-Looking Statements", all of which are available at <http://www.sec.gov/> and www.ltbridge.com.

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Source: Lightbridge Corporation