

Patent Powerhouse Tula Technology Celebrates 100th U.S. Patent Innovation Drives Emissions-Reducing DSF® Technology

SAN JOSE, Calif., June 10, 2020 – Tula Technology, Inc., a tech leader in improving propulsion efficiency and reducing emissions in passenger cars and commercial trucks, today announced its 100^{th} issued U.S. patent, No. 10,494,971: "Lean Burn Internal Combustion Engine Exhaust Gas Temperature Control". This patent is a foundational diesel Dynamic Skip Fire (dDSF^{IM}) patent, drawing on Tula's Dynamic Skip Fire (DSF^{IM}) technology as applied to diesel engines. Exhaust temperature control is key to dDSF's 65-75% reduction in NO_x emissions of long-haul trucks, with dDSF also reducing CO₂ emissions by 2-10%.

Tula's patent portfolio includes patents and patent applications for other expansive vehicle applications, including hybrid electrification, powertrain diagnostics, Miller cycle, and autonomous vehicles, as well as patents to optimize electric vehicle motor efficiency. The majority of the company's patents protect its expertise in controls and software with the balance in powertrain hardware and diagnostics.

Tula has over 150 patents issued globally, plus more than 130 patents currently pending. The company's successful and productive patent strategy is based on two main components: a culture of relentless focus on innovation in all ranks of the team and across every aspect and function of the business; and a concerted effort to fortify all aspects of its IP portfolio, from the core DSF suite of technology patents to vehicle integration, alternative engines, diagnostics, and most recently, electric powertrains.

Tula is focused on developing new, high-value methods to deliver increased propulsion system efficiency to its customers. This commitment to innovation is reflected in the consistent increase in patents granted every year since Tula's founding.

"Tula fosters innovation across the company, and this spirit is embedded in everything we do - from hiring the right people, encouraging every colleague to submit ideas, and utilizing an efficient process for transforming promising ideas into intellectual property. While many companies talk about continuous learning and innovation, we live it every day," said Scott Bailey, CEO of Tula. "It is this constant pursuit of dynamic efficiency that enables us to deliver superior value to our customers."

Tula's understanding of the importance of innovation is immediately visible upon entry into its Silicon Valley headquarters, where its "Innovation Wall of Fame" is a prominent display recognizing Tula's inventors. For a complete list of Tula patents, please visit https://www.tulatech.com/patents/.

About Tula Technology, Inc.

Silicon Valley-based Tula Technology provides innovative award-winning software controls to optimize propulsion efficiency and emissions across the mobility spectrum, including gasoline-powered, diesel, alternative fuel, hybrid, and electric vehicles. Tula's culture of innovation has resulted in breakthrough technology and a robust global patent portfolio of 150+ patents and another 130+ patents pending. Tula Technology is a privately held company backed by Sequoia Capital, Sigma Partners, Khosla Ventures, GM Ventures, Delphi Technologies, and Franklin Templeton. More information is available at www.tulatech.com.

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Contacts:

Tula Technology, Inc. Ram Subramanian, Principal Marketing Strategist ram@tulatech.com

Media:
Financial Profiles
Debbie Douglas, Senior Vice President
ddouglas@finprofiles.com
(949) 375-3436