

Tate Technology, LLC™ Announces Successful Test Data/Results for its “Coil Sports Safety Technology™,” Marketed as “Advanced Concussion Technology”

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Los Angeles, CA – Tate Technology, LLC™, a sport safety technology think tank, released today the Company’s highly successful and significant test results surrounding Tate technology’s patent pending “Coil Sports Safety Technology,™” which will be marketed under “Advanced Concussion Technology” by Tate, or ACTT!



This is the first of many of the Company’s patents in process of R&D and testing. “Advanced Concussion Technology™” is designed to dissipate and energy attenuate at the first point of impact, which is at “compression.” Presently the energy waveform passes through the helmet shell and into “tension where liner systems reside followed by the waveform moving directly into your head.

Tate Technology officials expect these significant results to improve safety in existing helmet shell technology, and enhance consumer/player confidence in their protective gear when used in a multitude of sports from football, to baseball, hockey, automotive racing, motocross, motorcycle, bicycling, and more. Tate also expects to work with the US Government to address blast impact waveforms, as well as look at other applications, such as skis, automotive, and beyond where energy attenuation is required. Tate technology, LLC™, while a sports think tank with applications therein, is also seeking to improve safety gear for the police, and construction fields, as well as strengthen and improve existing material science, such as carbon fiber, fiberglass, and more.

About Tate Technology, LLC

Tate Technology, LLC was founded 4th Qtr. 2011 by Jenny Tate Morgan, granddaughter of John Tate Riddell, founder of Riddell Football in the pursuit of technology improvement (Please visit: <http://www.tatetechnologyllc.com/history>). Tate Technology assembled a scientific team of industry experts and engineers, PhD, and MD’s, along with a seasoned board of directors from Fortune 100 and major brand name US-based companies. Tate also attracted an advisory board of key sports celebrities who have a vested personal interest to see technology improvements brought to fruition. For more information about the Company, please visit <http://www.tatetechnologyllc.com/about>, as well as to read more about Tate’s entire intellectual property portfolio including a new liner system, neck protection, etc., please visit <http://www.tatetechnologyllc.com/solutions>.

About “Advanced Concussion Technology™”

“Advanced Concussion Technology™” is designed to dissipate and energy attenuate by redirection of mechanical energy perpendicular to the incident blow, which is accomplished by mechanical energy transfer from the bulk filler material (i.e. the helmet shell) into the network of interconnected coils/rings. It also transforms compression and tension effects on the shell into compression and rarefaction in the network of coils that facilitates dispersion of the mechanical energy from the impact into the coils over the entirety of the helmet shell. The energy waveform travels around the coils splashing against itself dissipating and energy attenuating the impact force. Tate tested ten (10) successive hits each of four locations (*front, right side, rear and top*) taking the *mean*, and results conclusively prove that the system is extremely effective in reduction of g-force – up to 21%; Severity Index (“SI”) – up to 30%, and Head Injury Criterion (“HIC”) – up to 27% testing with the Company’s calibrated NOCSAE Drop Testing System. Looking at the one-hit (1) data showed that the coil system achieved up to 72% reduction in the HIC, 79% in the SI, and 42% in the g-force at the 24” drop, and 45% in the HIC, 45% in the SI, and 32% in the g-force at the 60” drop. Tate plans to purchase and install a Linear Impact System to further test Peak Rotational Acceleration and Velocity where Tate also saw great initial success from its first test at Virginia Tech - Wake Forest University, School of Biomedical Eng. & Sciences achieving up to 18% improvement on acceleration and up to 7% on velocity. The Company is in continued testing of additional structural designs of the “Advanced Concussion Technology™” seeking to further increase performance. For more information, please visit <http://www.tatetechnologyllc.com/technology>.

Contact

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