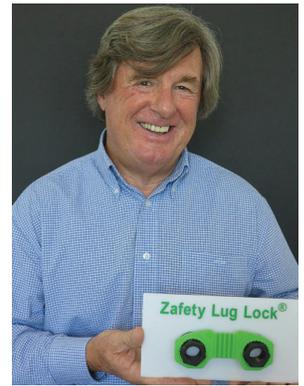


MANNING INNOVATION AWARDS: \$10,000



For 'Taffy' Caine Davies

Zafety Lug Lock®

Toronto, Ontario



In 2008, Taffy Davies, was driving along a busy Toronto thoroughfare when he noticed a large transport truck pulled over on the side. He watched with dismay as the two drivers changed the wheel without the proper torquing equipment normally used by professional roadside assist services.

That was the start of a six-year journey that today has resulted in lives being saved on highways, transport truck and bus drivers now easily seeing Zafety Lug Locks® are in place on their wheels before they start their journeys, jobs being created in Scarborough, Ontario and valuable time and money being saved by vehicle transportation companies and governments.

Shortly after that stop, Taffy began researching loose wheels in the transportation industry. He learned about the alarming number of fatal accidents and catastrophic outcomes that occur when wheels fall off trucks and either fly into on-coming vehicles or roll off the road causing property damage. At highway speeds, a loose wheel can become a 200-pound unguided missile. He already knew how nuts and bolts expand and contract due to weather conditions from his 30 years in the construction industry.

Taffy bought an old truck wheel, set it up in the garage and, as innovators do, started tinkering and sketching ideas. One evening while watching a guy get handcuffed on CSI, the idea hit him. He would 'cuff' one nut to the other to create the required resistance to keep both secure.

Today, five years later, there are over a million 'Zafety Lug Locks®' in use on public and commercial transportation vehicles in Canada, the United States, Australia, the UK, Asia and most recently South Africa. There is now so much independent evidence to prove Taffy's locks work, orders come in daily from new customers all over the world. The prospect to sell millions more looks bright indeed.





Zafety Lug Locks®, which are manufactured at an injection moulding plant in Scarborough, Ontario, now have patents pending and registered trademarks in 10 countries and counting. They are now installed on every kind of commercial and public transportation vehicles. The design-engineered plastic lug locks, available in a variety of colors, including custom corporate colours, are easily installed, inexpensive, re-useable and can be recycled.

Bringing a safety product to market in a very regulated industry was even a bigger challenge for the Oakville-based innovator. Along with the independent testing Tafcan invested in, numerous independent experts and engineers working for prospective end-users also tested Zafety Lug Lock®. Finding decision makers in the transportation industry, all over the world, who were willing to set up and run Zafety Lug Locks® trials on their equipment was another huge hill to climb. Fortunately, a few fleet owners of tractor-trailers were willing to try the idea. The next exciting opportunity is to introduce Zafety Lug Locks® to pipeline companies and set up trials to show how Zafety Lug Locks® can reduce the risk of pipeline leakages.