



The Invention and History of SmarTork

SmarTork reel closure was conceived by Kelly L. Marshall in 1986 while having coffee with his sons, Dean and Chris Marshall. Dean needed ideas on how to stop persistent call backs involving elevator doors subjected to high wind loads on the Gulf Coast. Kelly proceeded to sketch on a napkin how a conical spiral might solve the problem. Dean took garage door parts from our garage door repair division and elevator parts to design the first proto- type.

Kelly spent years of prayer, and 10's of thousands of dollars of his own money on research and development which brought him to the conclusion to utilize plastic mold injection to make it cost effective, this resulted in an operational proto-type.

When shown and demonstrated to a federal inspector, he was amazed and baffled for a few minutes trying to figure out how we were able to cross the torque and tension ratios. It actually increased tension pounds significantly, at the door closed position and dropped tension pounds in the open position with the spring winding up. The inspector stated. "When you get this manufactured all Federal and Government buildings could be required to have this on their elevator doors, this is not just a closer it's a safety device!"

By the year 2000 patent status and design had been established well enough to take it to the NAEC show in Minnesota. There while demonstrating to an established parts supplier, a passerby saw the reaction and immediately wanted 10,000 units. After working approximately 6 months with that particular supplier to develop and manufacture, they redesigned a non-functional unit. All they had to do was copy the unit.

Kelly worked diligently to get a business plan together and banking in place to meet the request. On September 11, 2001 the New York Twin Trade Towers were attacked Those 10,000 units were for those two buildings.

Kelly subsequently suffered a brain stem stroke in 2002 and passed away in Oct. 2004, putting his dream on hold until October of 2010 when his youngest son Chris's wife, Yvonne decided it was time to carry on Kelly's " Legacy".

SmarTork Inc. was started after much prayer and registered with the state of Texas at the end of 2010. Chris Marshall then re-established Patent status, did due diligence, costs analysis, developed a business plan, had product tested by third party research center where 500,000 cycles were operated before increasing 50% tension and operating additional 250,000 cycles. The result was "No significant deviation in torque and tension ratios ." (Tests results available upon request.) Chris then found two initial investors as partners, had proto types machined and aggressively approached elevator companies and owners.

After showing it to two military installation Facility Directors, they wanted it, and said if it does what they needed, after 60days all elevators spirators on both facilities will be changed out. These units will be implemented on a modernization being performed by Schindler Elevator in the near future.

During onsite testing, it was discovered that by the reduction reaction of tension in the opening cycle that the amps were also reduced. It saved power! In speaking with an EPA and Energy star representative, Chris was told, "That this could possibly fall under Ashrae 90.1 as it applies to "Overall Building" savings and as such, potential tax incentives might be applicable to those building owners that qualify."

SmarTork tm elevator hoistway door closer was officially launched at the 2011 NAEC Exhibition in New Orleans.

SmarTork Inc. is a Christian, family owned Business and NAEC member, and Officers include: Chris Marshall President, Auston Marshall Vice President, Yvonne Marshall Secretary, Kelly Dean Marshall Technical advisor, Vicki Marshall Partner, Don Zimmerman Partner, and Monique Romeijn Technical Online Support.

SmarTork Product: Three different entities have collaborated to offer the best product available, and all have vested interest in its quality control and success;

SmarTork Inc. retains all Marketing, Patent and Manufacturing rights. Responsibilities; In charge of publicity, promotions, marketing, orders, payables, receivables and billing.

Bee Jay Molding: Owner/ President, Damian Torzewski, Owner/ Vice President, Sondra Torzewski, 10 Employees. Responsibilities; In charge of production, assembly, quality control, packaging, shipping and distribution. Facility; 39500 IH 10 West, Boerne , TX. 78006

Leeco Springs: President, Ed Eckert....Director of Operations, Tami Coey, 12 Employees. Responsibilities: Custom fabrication and manufacturer of SmarTork springs.

SmarTork Inc. as a Christian organization is dedicating 10% of all profits to Charity and Ministry. The predominant "T" in SmarTork's trademark is a representation of the Cross and a reminder of who's in charge of our organization.

In a time of national financial turmoil and manufacturing being outsourced to other countries, Smartork offers a new market in the elevator industry with new financial opportunities to elevator companies. A green power saving product to environmental resources, saves building owners costs on open orders and potential tax breaks incentives, saves elevator companies costs on call backs, has two year warranty and most important of all MADE IN USA . "Support USA Industries. Buy American.

SmarTork Inc. will also help promote companies in their own cities and states by providing "Press Release Packages and PSA's as first in there area's to purchase and install SmarTork spirators.

Though it may be unpopular in todays times, SmarTork Inc. is going " old school" and standing by the values that founded this great country of The United States of America," God , Country and Industry"

To God Be The Glory!!!!

Chris Marshall