



ABOUT THE INVENTOR

Paul Downey, P.Eng. is the inventor of four patented inventions based on recycled product technology. Significantly, he is the inventor of patents covering products known as GenieMat™ RST (Impact Sound), GenieMat™ FF (Noise and Vibration Mitigating Mat), GenieClip™ (Energy Transmission Control Mount), and Pliteq Treadmill Isolation Pads (Vibration Damper).

Paul has been involved in tire and rubber recycling for most of his adult life. His interest in recycling started at the University of Western Ontario, where he completed his senior Chemical Engineering thesis on the topic of Scrap Tire Recycling in 1991. He then helped design and build what was then one of the largest scrap tire recycling plants in the world in 1993. As production supervisor and plant manager, he helped incorporate scrap tire materials into rubber formulas that had only used new or 'virgin' rubber before. Soon, it was clear that in order to use more scrap tires, new products had to be created, engineered and sold. He started his own consulting Company called Canadian Shield Recycling Industries in 1998. In 2001, he invented and created the business for recycled rubber used for impact sound insulation, directly below floor coverings.

Paul founded Pliteq Inc. to continue the creation of new and innovative products based on recycling technology. All of Paul's inventions now bear the Pliteq brand names such as GenieClip™ and GenieMat™. Pliteq has dedicated manufacturing facilities that produce these products. All other brands are sold by someone other than the inventor. Here is a list of the inventor's current inventions:

PATENTS ON DOWNEY INVENTIONS

Title: Impact Sound
Canadian Patent No. 2,398,262
US Patent No. 6,920,723
US Reissue Patent No. RE 41,945

Title: Noise and Vibration Mitigating Mat
Canadian Patent No. 2,500,956
U.S. Patent Application No. 13/223,339 (Notice of Allowance)
PCT Application No. PCT/US2003/031348



Title: Vibration Damper
Canadian Patent Application No. 2,505,938
U.S. Patent No. 8,113,495

Title: Energy Transmission Control Mount
Canadian Patent No. 2,552,516
U.S. Patent No. 7,895,803
PCT Application No. PCT/CA2007/001269

MORE PATENT BACKGROUND

- Paul Downey, the inventor of the Impact Sound Insulation product, started a lawsuit in the Ontario Superior Court of Justice against Ecore International Inc. on February 18, 2011 claiming compensation owing to him in return for the assignment of the Impact Sound Insulation invention back in 2001.
- On September 12, 2011, Ecore tried unsuccessfully to have that lawsuit suspended in order to move the dispute to its home jurisdiction in Pennsylvania.
- On November 1, 2011, Ecore started an action in the United States District Court for the Eastern District of Pennsylvania against Mr. Downey, his consulting company and Pliteq.
- On November 8, 2011, the Ontario court dismissed Ecore's motion.
- The Ontario court found, among other things, that the agreement Ecore relies on to claim ownership of the impact sound insulation invention and patents "fails for lack of consideration".
- Ecore appealed the Ontario court decision.
- Eastern District of Pennsylvania stayed the action by Ecore.