

BOREALIS

Innovating for Tomorrow



CARL SCIANNA

Carl Scianna, President & CEO, pioneered and patented the technology that serves as the cornerstone of PolyBrite's product lines. This optical illumination technology, combining light emitting diodes ("LEDs") with a unique polymer, intensifies and disperses light through a variety of lens shapes, sizes, flexes, and finishes. Most recently, this optical illumination technology has been used to develop PolyBrite's first and follow-on generations of LED light bulbs and lighting systems for commercial and industrial applications. Carl oversees all aspects of PolyBrite's operations, including research & development, product design, manufacturing, and quality control.

Carl has a successful history of innovation and invention while previously working in the computer, printing, and plastics industries. Among his many accomplishments, Carl developed a patented UV finish for plastics, providing unique chemical and scratch resistant properties and utilized throughout the world in the automotive, furniture, and medical industries. This UV finish was recently adopted by Hallmark for use in creating "Greeting Card mouse pads" for sales throughout their worldwide retail network.

Prior to joining the Goeken Group in 1990, Carl was one of Goeken's key wireless experts, being responsible for the design and development of the noise-reduction device for In-Flight Phone Corp. In addition, he also designed the electronic membrane switches and keypads for In-Flight Phone.

Earlier in his career, Carl was an owner of Panel Engineering where he was instrumental in developing components for Dolphin computer, the first high-powered computer in the market, producing revenues for Panel in excess of \$200 million. In addition, Carl served as General Manager at Carl Gorr Printing Co. While at Gorr, Carl provided consulting services to General Electric, during which he developed a special ink that can be used with a polycarbonate material called Lexan. This application is currently used in many products, including automobiles, household appliances, and signs.

Carl also invented the micro-shell technology for the largest helmet manufacturer in the United States, Bell Helmets. This technology is used in every bicycle helmet made today throughout the world.

Carl continues to work closely with industry experts such as Fargo, Bell Helmets, Amtrak, Motorola and GTE to expand the usage of PolyBrite products into various markets, including implementation of the technology for marine applications, government purposes, and other emerging industries.