


ROBERT J. MAMMONE PH.D.

To Whom It May Concern:

I have reviewed Chuck Russillo patent on construction of his new, innovative structural insulating panels (SIP's) for use as exterior walls, roofs, and floors for residential, commercial, government, and military applications. These panels that Chuck Russillo plans to manufacture can easily replace conventional wood framing, steel framing, and would be far superior to the existing competition in the structural insulating panel industry. There is no comparable product currently on the market. This panel will provide an exceptionally strong building capable of withstanding high wind loads, be fire resistant, have a high insulating R-value, and with the proper optimization of the polymer foam and fillers be capable of supporting large axial and transverse loads. Due to the unique design, these panels are extremely simple to construct into a finished product.

I have a Ph.D. in inorganic and polymer chemistry from the University of Pennsylvania. More recently, I have worked as a research and development chemist for the U.S. Army Research Laboratory for over 12 years and co-authored over 45 technical publication and 10 U.S. patents.

In my opinion, these panels will have countless uses for humanitarian needs throughout the world in places where countries need housing that can constructed quickly and withstand nature's fury. In addition, government agencies and the military will greatly benefit from structures that can be constructed quickly and hold up under extreme conditions such as bullets and explosions. The strength and the simplicity of construction make this ingenious product a construction layman's dream come true.



Robert J. Mammone, Ph.D.