

Portfolio Paper

Three-Dimensional Materialisation of Motion through the Integration of Digital Media and Physical Form

Mann, G. C.*

* Product Artist, London, United Kingdom. URL: www.mrmann.co.uk

E-mail: mail@mrmann.co.uk

Received 31 January 2007 and Revised 26 April 2007



Fig. 1. Flight – Landing
The translucent nature of glass exemplifies the ephemeral nature of motion.
650 mm x 350 mm x 400 mm
Mfr. Cast Optical Glass.



Fig. 2. Flight – Landing
Materializes the solid echo of a birds flight pattern.
650 mm x 350 mm x 400 mm
Mfr. Z-corp.

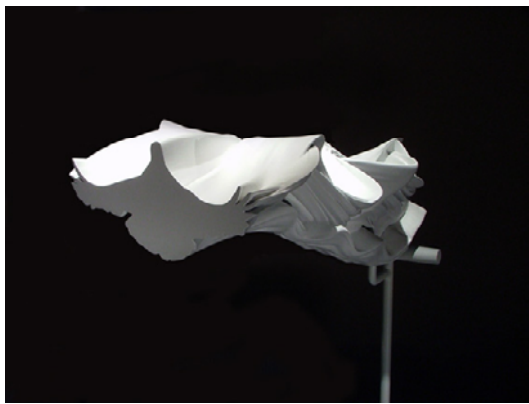


Fig. 3. Flight – Takeoff
The sculpture's final suspended presence creates an essence of the absolute, reality's true aesthetic captured within a moment in time.
650 mm x 350 mm x 400 mm
Mfr. Z-corp.



Fig. 4. Attracted to light
Narrates the erratic trajectory of a moth upon seeing a light source.
250 mm x 300 mm x 350 mm
Mfr. Nylon.

These figures explore the materialisation of motion's unseen metaphysical change. The *Long Exposure* series depicts the unseen trace-echo of a bird or moths' flight path. Through utilising cinematography technology to capture the intermediary phases of the subjects' trajectory; a continual sinuous passage within time and space is contextualized through *motion engendering form*. These kinematographical sculptures reconstruct pure sensation in objective terms, through synthesising the temporal processes of movement. Materialised through rapid-prototyping technology these apparitions create a unique haptic experience.