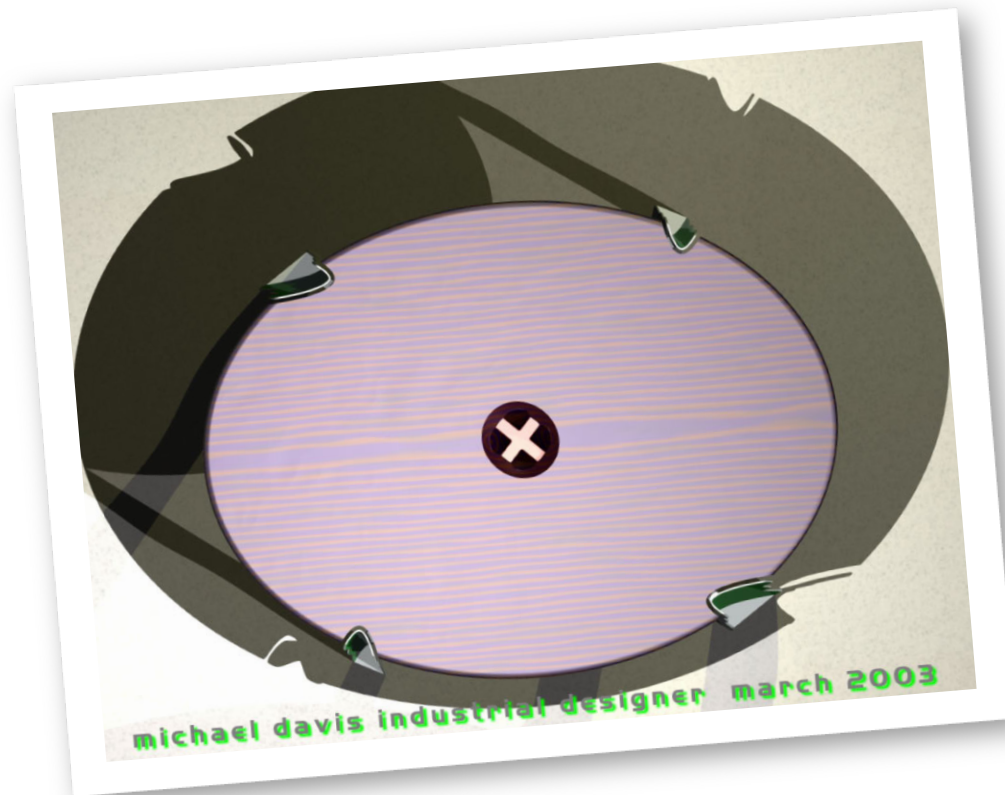


INVENTION

Michael Davis Industrial Designer



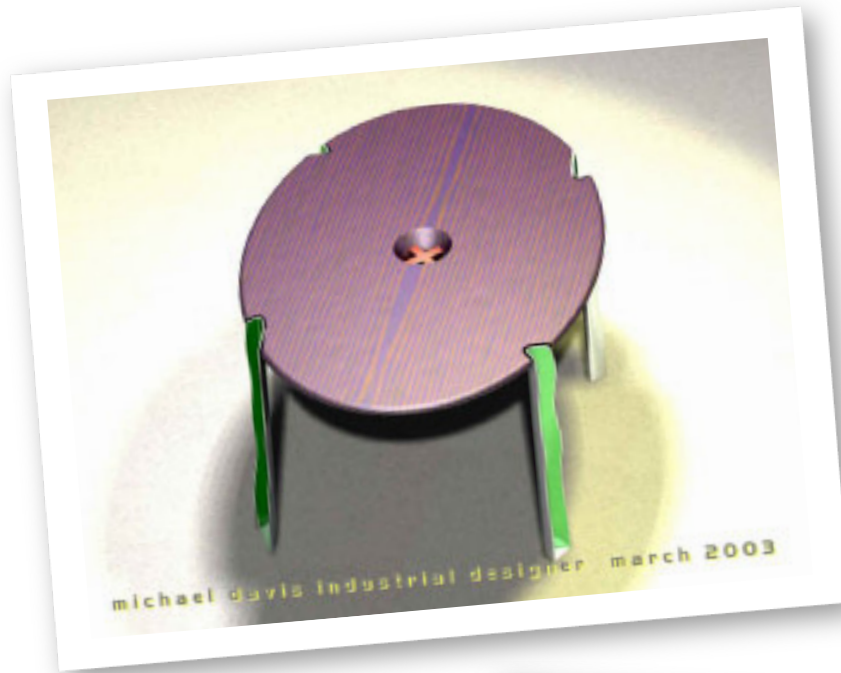


On the personal side,

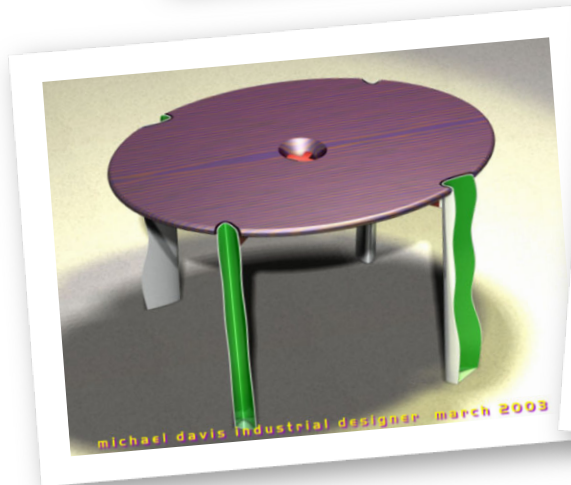
Born, Taipei, Taiwan in 1952 when at a time when Korean war was winding up (My father was a US DOS-Department of State career diplomatic officer who had just been evacuated with my family from Seoul, Korea due to that conflict).

I finished high school at Bangkok International School in 1970, was captain of my swim team there, but I grew up in Salt Lake City, raised by my mother there. After graduating San Jose State University with a Bachelor Science Industrial Design, I have spent almost all of my career in California, Oregon and Washinton with a couple of years travel and working in Europe, Boston, Kentucky as an industrial designer and design manager. Currently unmarried and have one grown daughter.

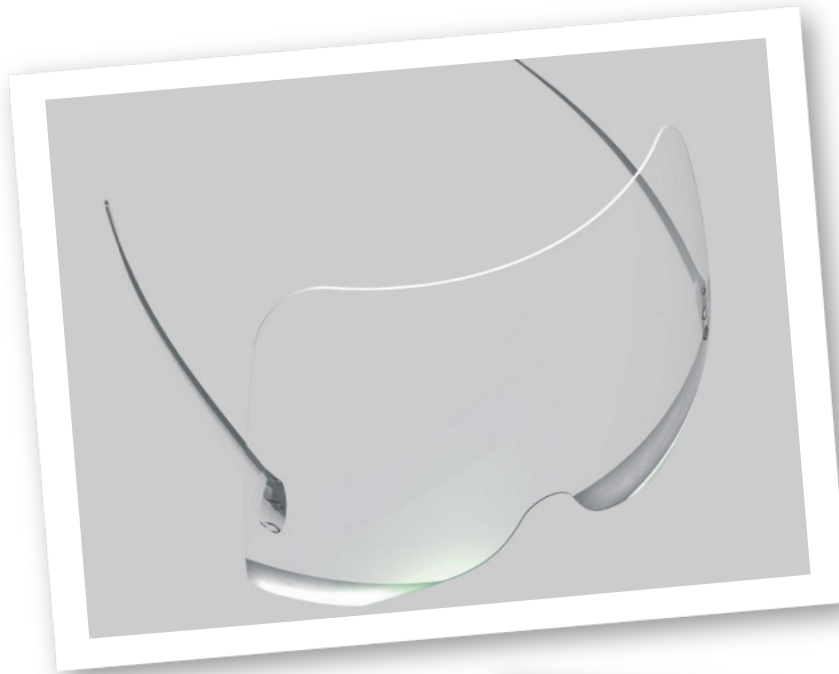
I have an avid interest in the evolution of computing devices, sports equipment design and furniture design as well as other related tech and science areas. I consider myself an expert in computer development trends and markets.



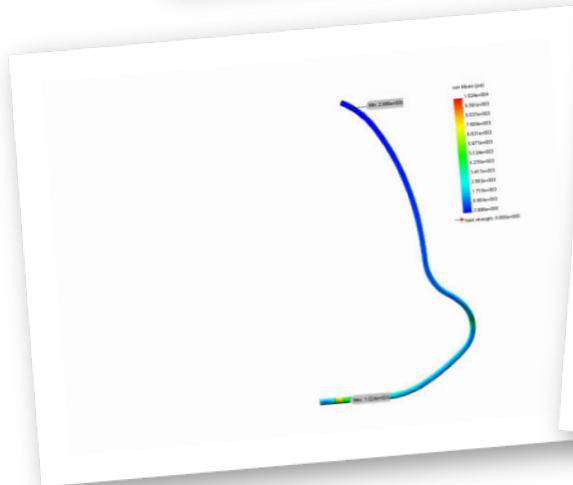
RTA Table Concept
Headstuf Product Development



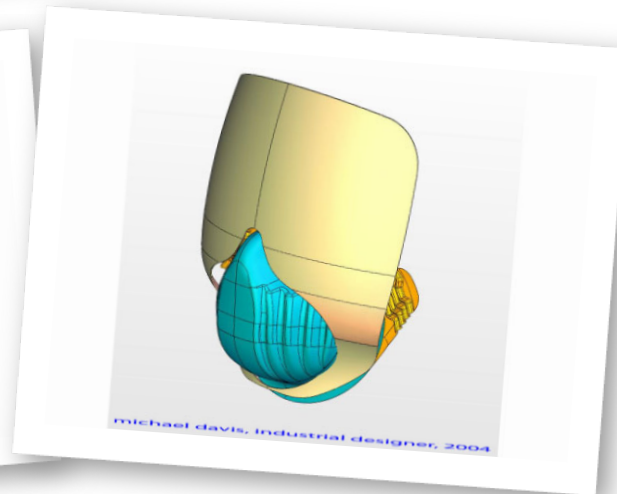
Extruded aluminum legs with water jet side cut patterns--gold stain interior, polished aluminum exterior, 2 legs per tube, press board top with purple stained cherry laminate, cross aluminum square tube support (not shown), legs attached via welded on solid core horizontal sleeves into the cross frame. Two bolts per leg.



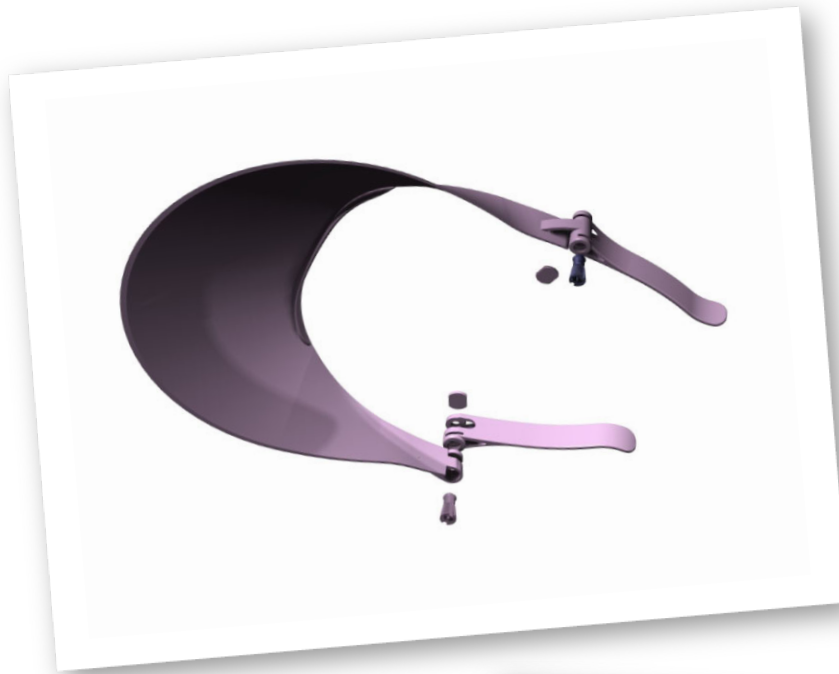
Molded eyeglass style face shield



Simple stress load animated analysis using SolidWorks models.



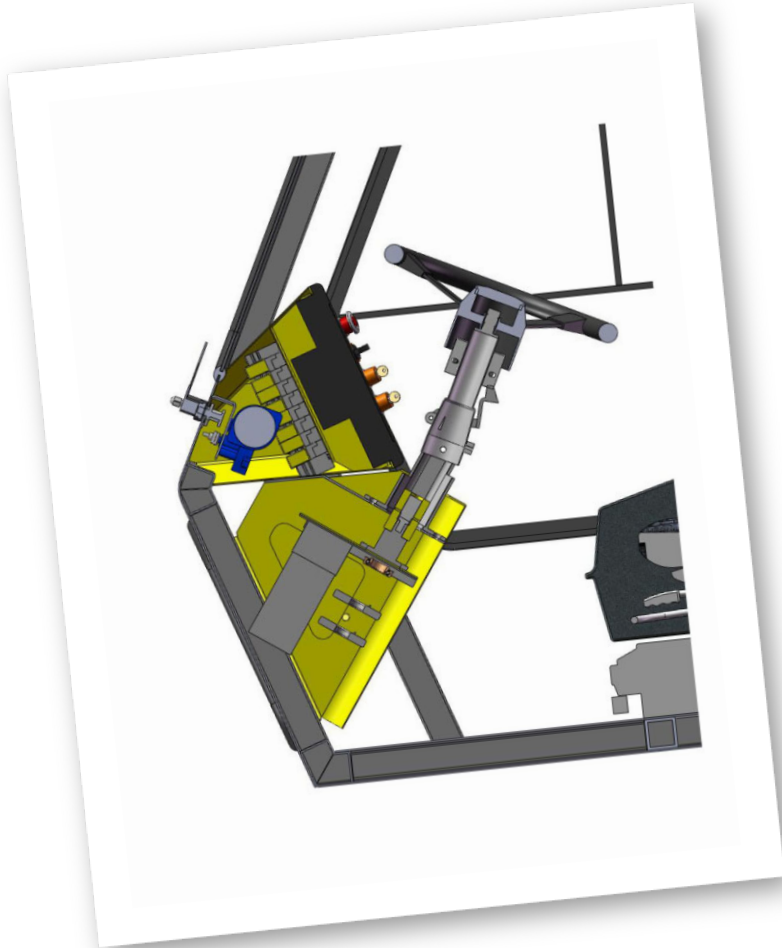
Quick ID concept using SolidWorks



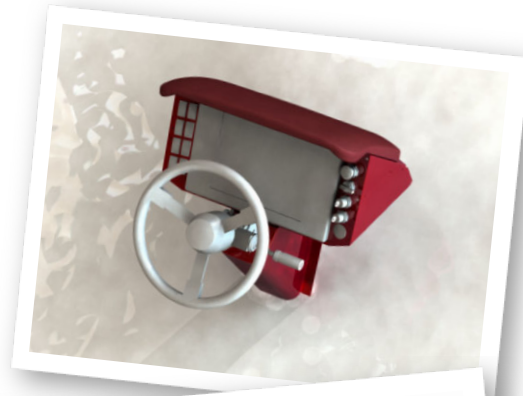
Simple exploded view with push button adjustable detail (detail design by Clay Allen, A-Design).



Molded subframe for fabric covered sunshade--golf markets, Opdop Inc.



Cab design and mechanical layout-RhodeMaster manufactured housing construction placement vehicle, Martinez & Turek



Finished concept for build.



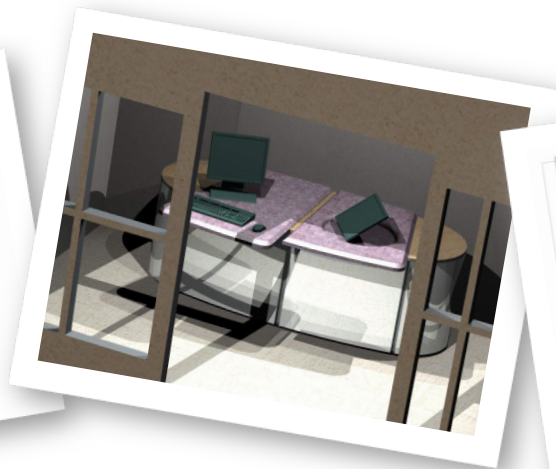
Cab overview, control center concept evaluation



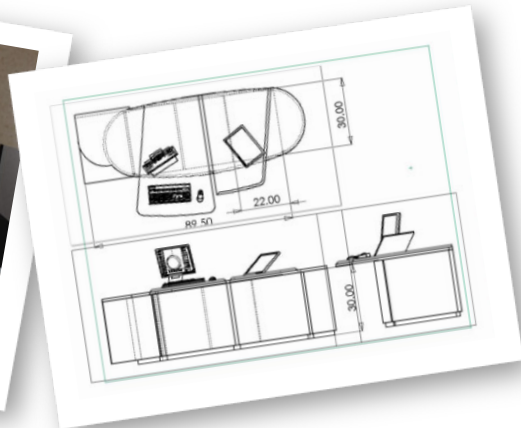
Cab overview, concept control center evaluation



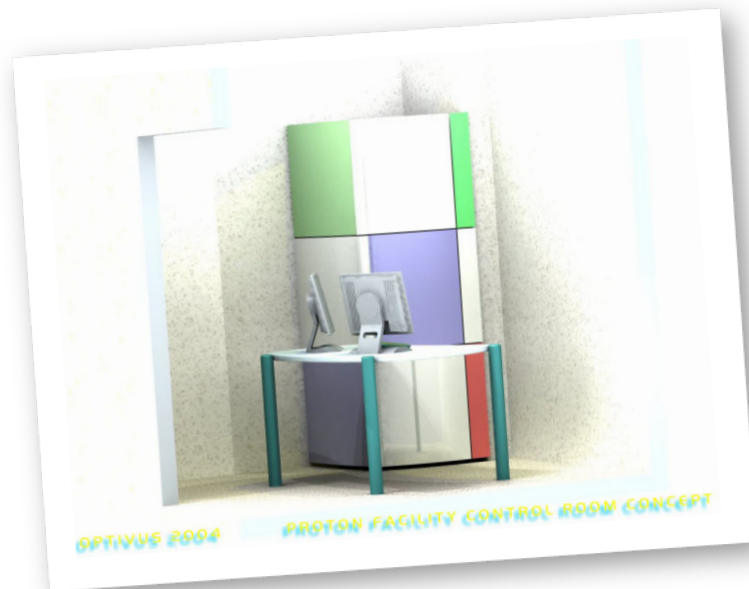
Architectural level concept evaluation solid model.



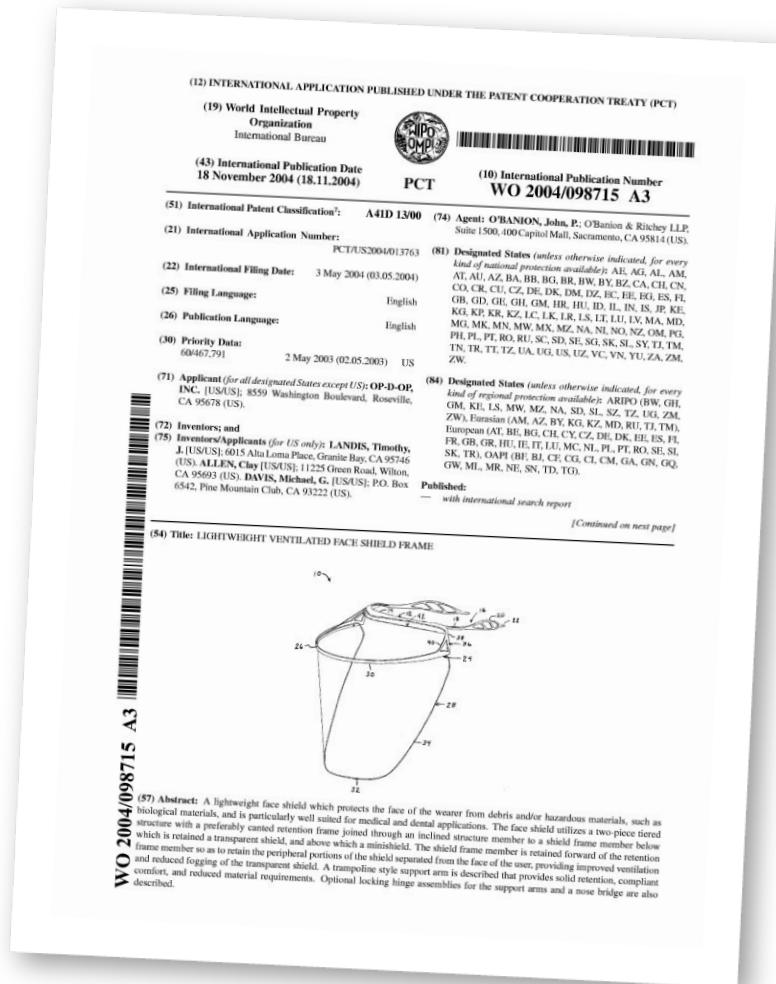
Secondary control room concept with terminals



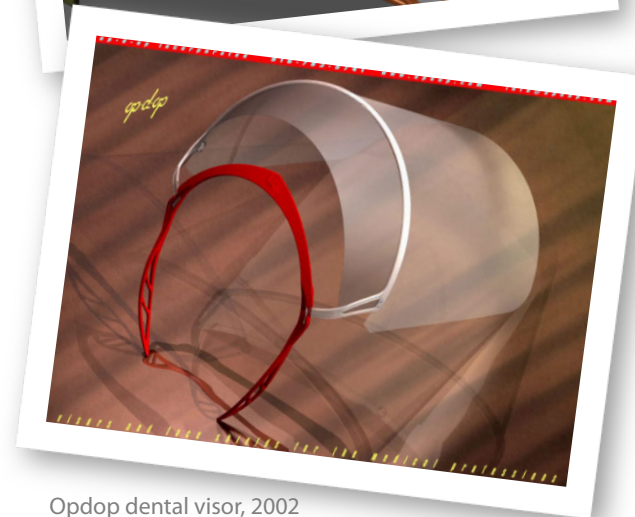
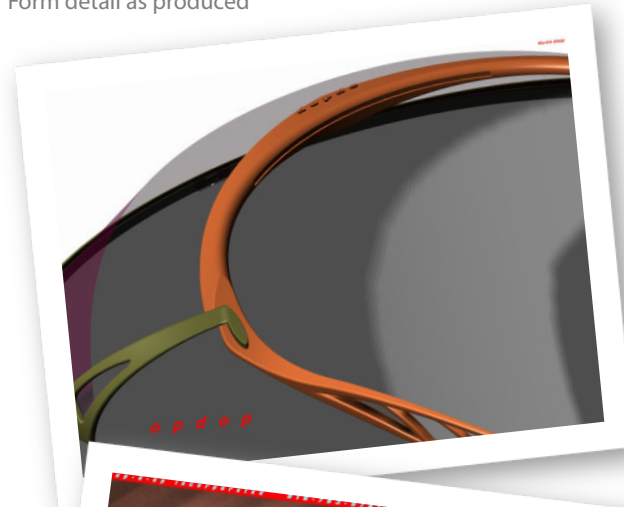
Control room concept layout



Control Room Concepts, Optivus Proton Cancer Treatment Facility, Loma Linda Hospital



Form detail as produced



Opdop dental visor, 2002

Opdop visor frame patent, 2002 (European Union)
International Publication Number WO 2004/098715 A3



Conceptual Design and Sculptural Development
Using SolidWorks as a Primary Sketch Tool

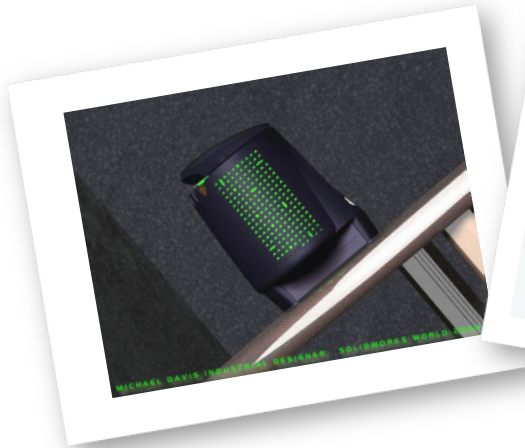
Performance Design: Solid Music SolidWorks Style. Concept to prototype exports in 60 minutes.



SolidWorks World presentation, Orlando, 2001
Industrial Design and SolidWorks, The Fourth Tier in Cad Implementation



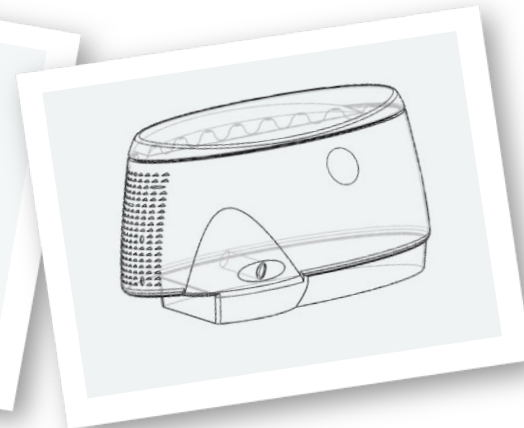
SolidWorks World presentation, New Orleans, 2000.
This was when I began talking about and writing about the trend to integrate industrial design and engineering tools into a single suite, which multiplies the efficiency of designers and engineers to work together. There is no question Solidworks is a superior industrial design tool that was envisioned and implemented to offer the duality in design processes. The actual SolidWorks crossover version was 1998 plus.



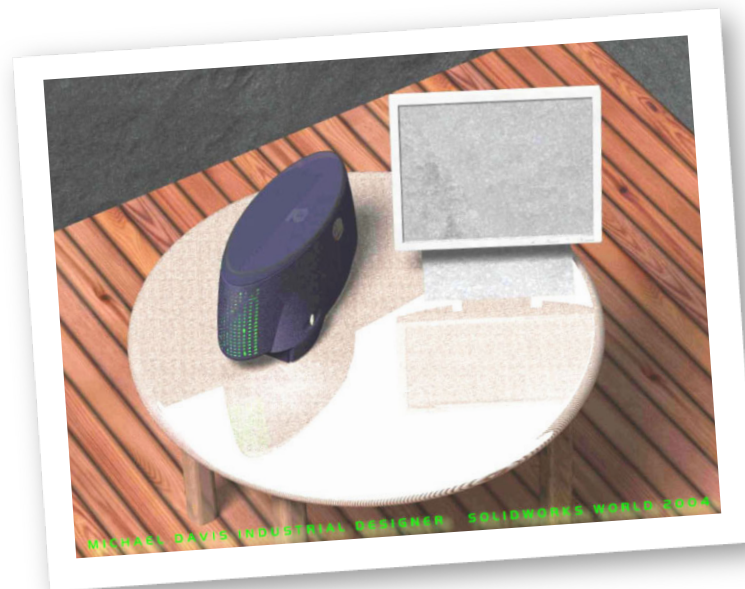
Personal Computer concept. 2003.
Demonstration, teaching aids for
SolidWorks World, 2004



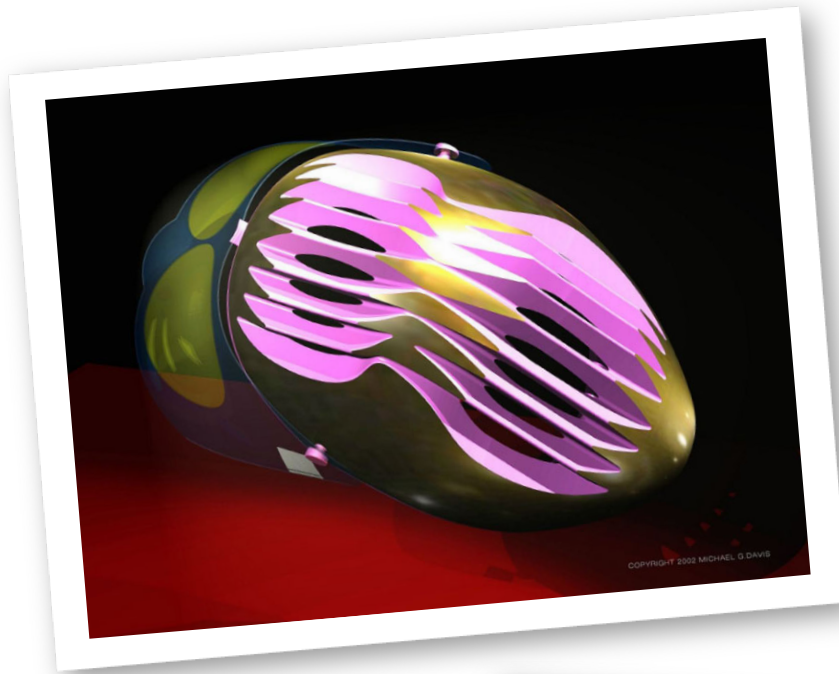
End view with rough layout of
components.



Personal Computer concept. 2003.
Demonstration, teaching aids for
SolidWorks World, 2004.



Concept as presented.



Bicycle Helmet with optical prescription full disk inserts. Presentation demonstration, SolidWorks World, 2004, Article, MCAD Vision, 2003



Door chime concept as sold at Home Depot, Heath Zenith, Bowling Green, KY, 1999.



Door chime concept for Home Depot, Heath Zenith, Bowling Green, KY, 1999.



Wall Chime, Heath Zenith, DESA



Doorbell button concept



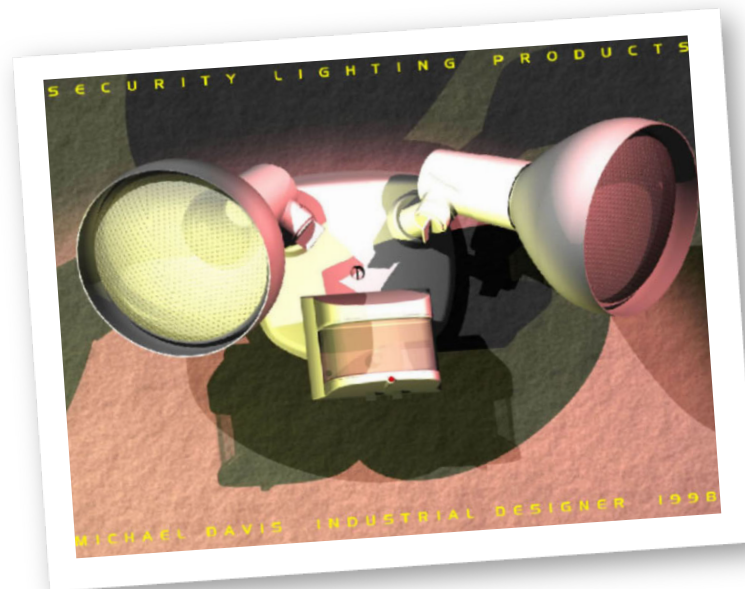
Low end motion light.



Porch light using mercury vapor dusk to dawn system.



Door Chime hand made model with consumer battery access cover snaps modeled



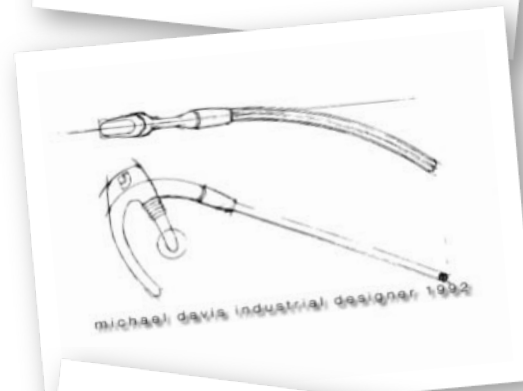
Motion Lighting, for Home Depot, Heath Zenith, 1998



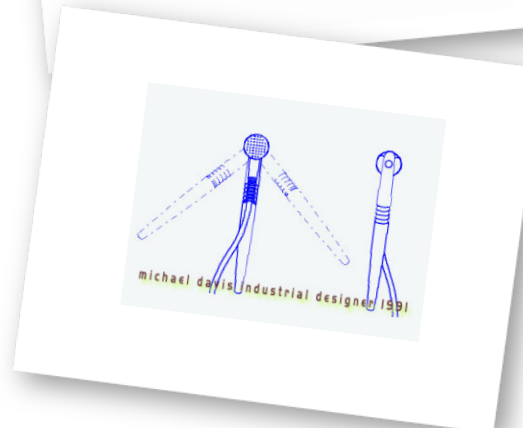
Tristar Headset Patent, Plantronics Corp.
 Patent Number US005761298A, June 2, 1998



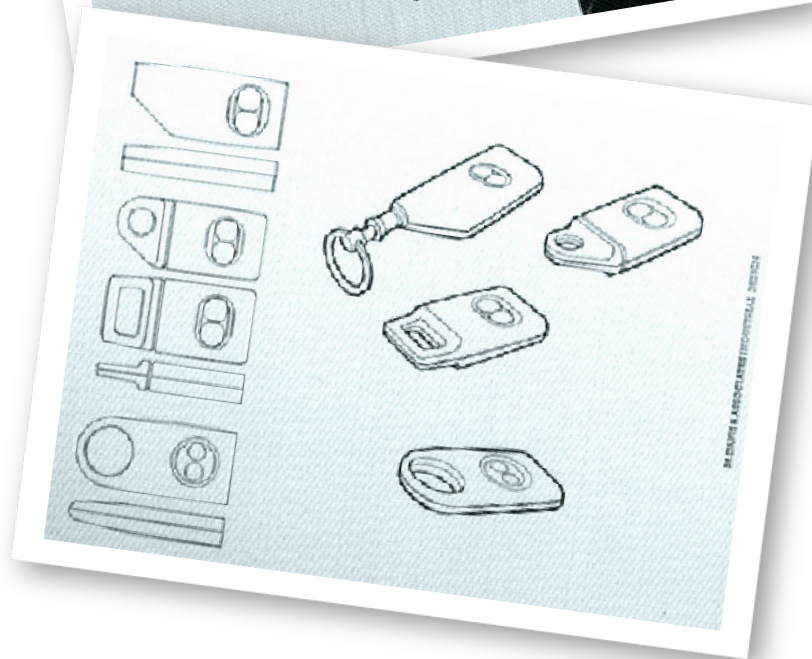
First in-ear mold data sets and full head scan data set human factors study of the human ear. Plantronics, Inc., 1993; managed program where I retained Henry Dreyfus Associates, University of Virginia audio lab and students, and a full body digital scanning company in Salt Lake City to complete this \$200,000 study of the ear.



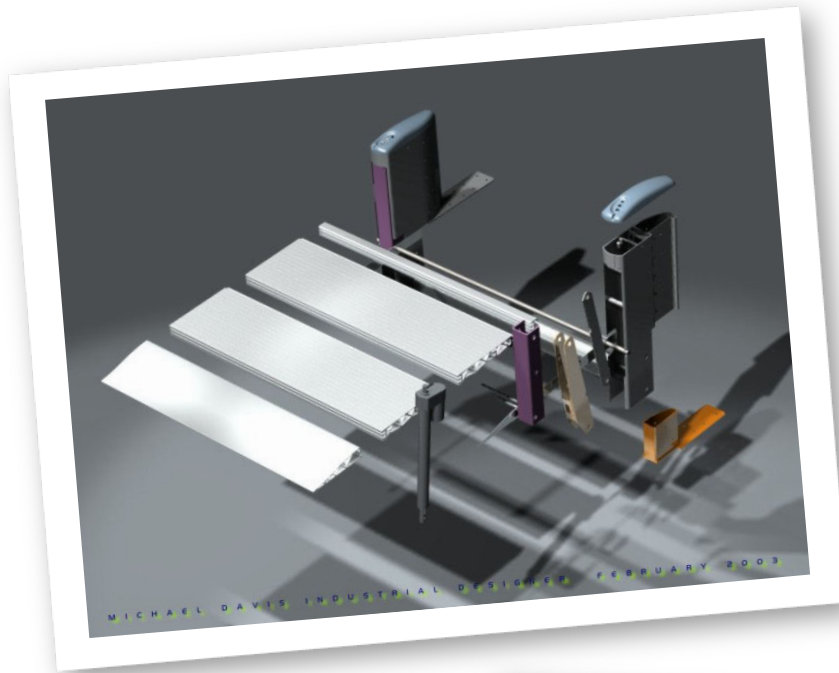
Actual preferred concept of the Tristar headset. Not built.



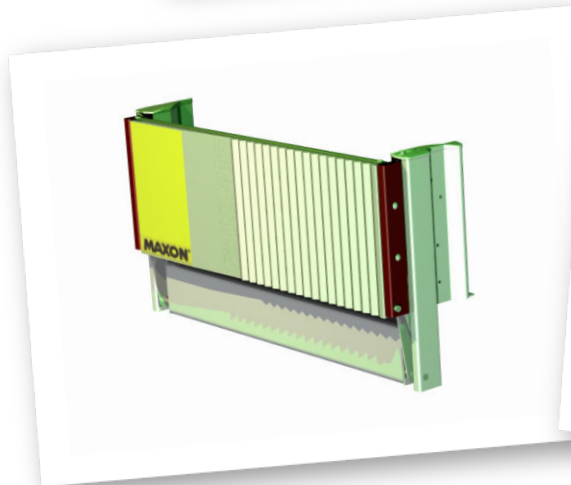
First Concha based headset with pivoting boom. 1991



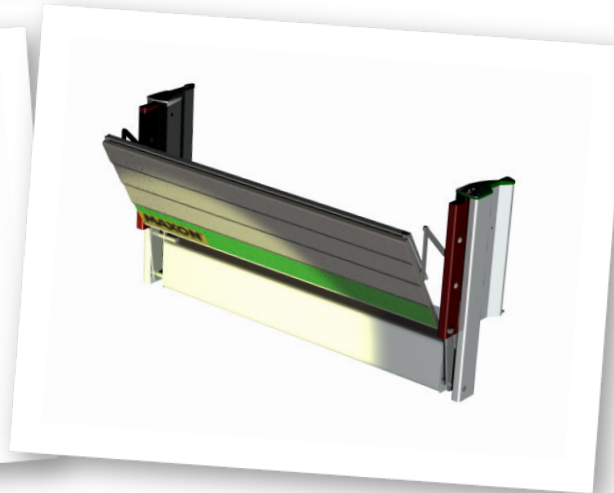
First organic styled automotive alarm remote, 1984, Vehicle Security Electronics, Chatsworth, CA



Advanced lift gate design, pickup trucks, Maxon Lift, Ceritos, CA, 2004

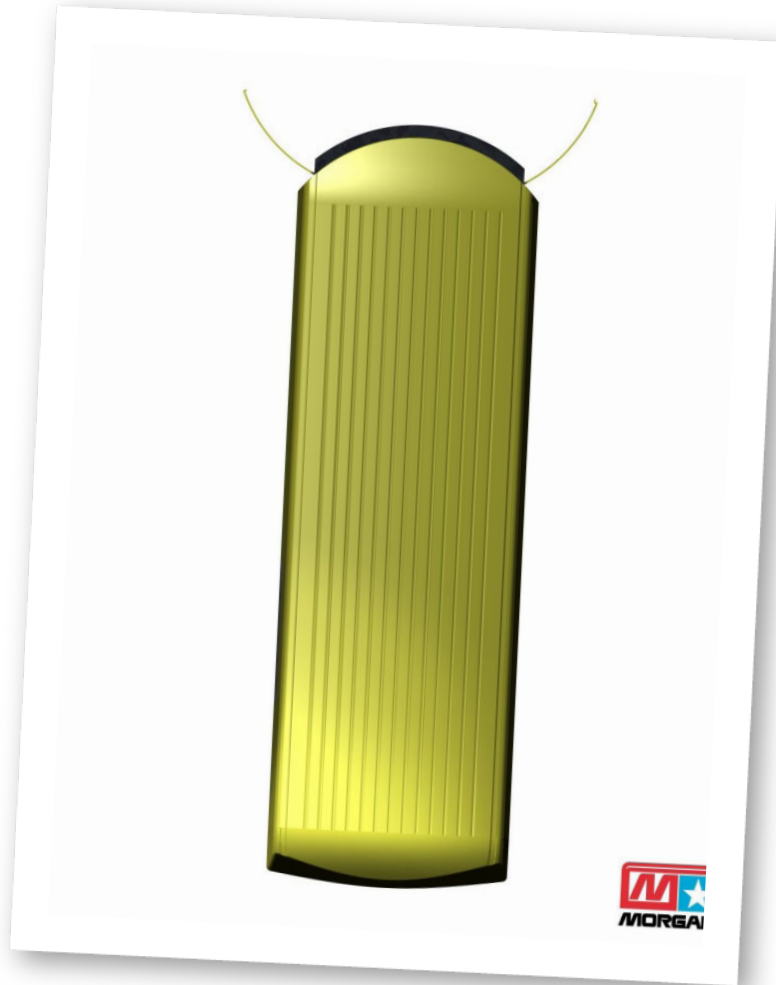


Early liftgate concept



Early liftgate concept

Morgan Body, advanced composite body concept, 2000.



Top view of advanced material truck body, aerodynamic boat-tail design and built in full height airfoil on the front.



Alternative body concept

Bioject final concept, 1996.



Hand rendered concepts