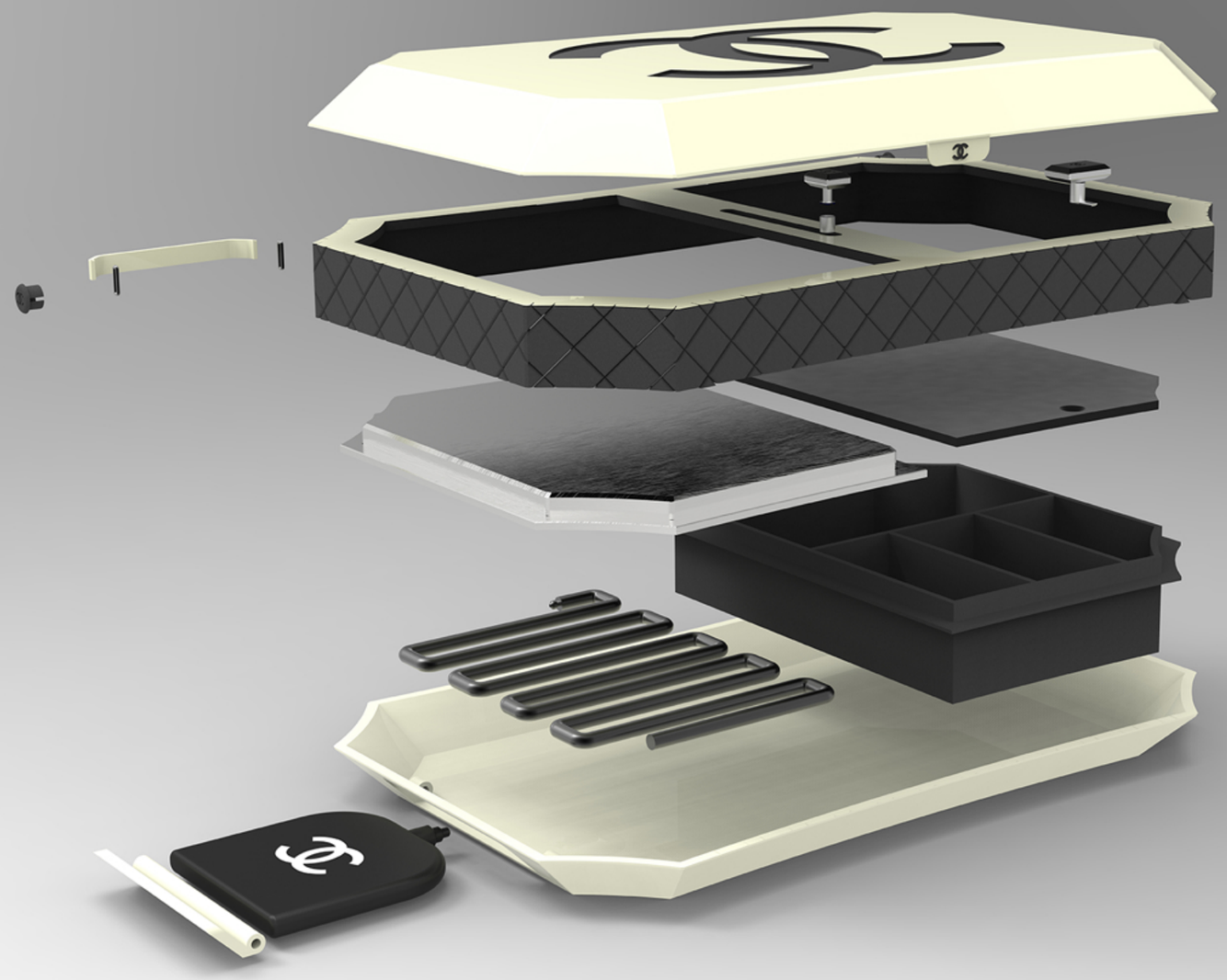
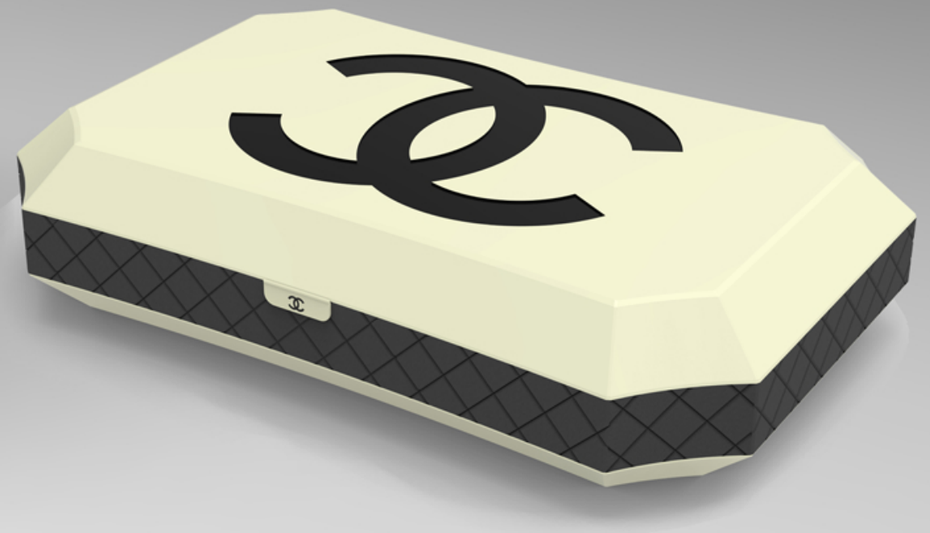
FINAL DESIGN





Part no.	Part Name	Required Material Properties	Material	Manufacture Processes	Post Processes
1.	Lid Body	Strength, Light Weight	Magnesium alloy	Die Cast	Sprayed, light cream & black
2.	Operating Handles	Quality finish	Magnesium alloy	Die Cast	Spray the logo in the top
3.	Main Body	Strength, light weight	Magnesium alloy	Die Cast	Sprayed cream
4.	Leather Quilt	Aesthetically pleasing	Real Leather	Machine stitched	Waxed for added durability
5.	Chopping Lid	Strength, toughness, rigidity	Carbon fibre	Milled and drilled	Ceramic coated for durability
6.	Hot Plate	Heat conductivity, Wipe clean, Hygienic	Aluminium alloy	Milled & Polished	
7.	Food Compartment	Wipe Clean, Hygienic	Food Grade Aluminium	Milled	Spray finish, black
8.	Heating Element	Thermal Properties	Nickel-Chrome tube	Die Cast	Coated in Nickel Chrome
9.	Chanel Gas Bottle	Air tight, strength	Various	Out sourced in Chanel style	Purchased in large quantities
10.	Gas Bottle Door	Rigid, light weight	Magnesium alloy	Die Cast	Sprayed cream to match the outer body
11.	Lower Body	Strength, light weight	Magnesium alloy	Die Cast	Sprayed cream
12.	Handle	Tensile strength, rigidity	Aluminium	Milled	Sprayed cream to match other components
13.	Handle clips	Strength	Mild steel	Hand forged	Polished and sprayed black
14.	Hinge caps	Aesthetic	Magnesium alloy	Die Cast	Sprayed black for subtle effect
	Gas regulator, gas mechanism components	Out sourced, reliability.	Various	Out sourced	Fitting into the lower body securely