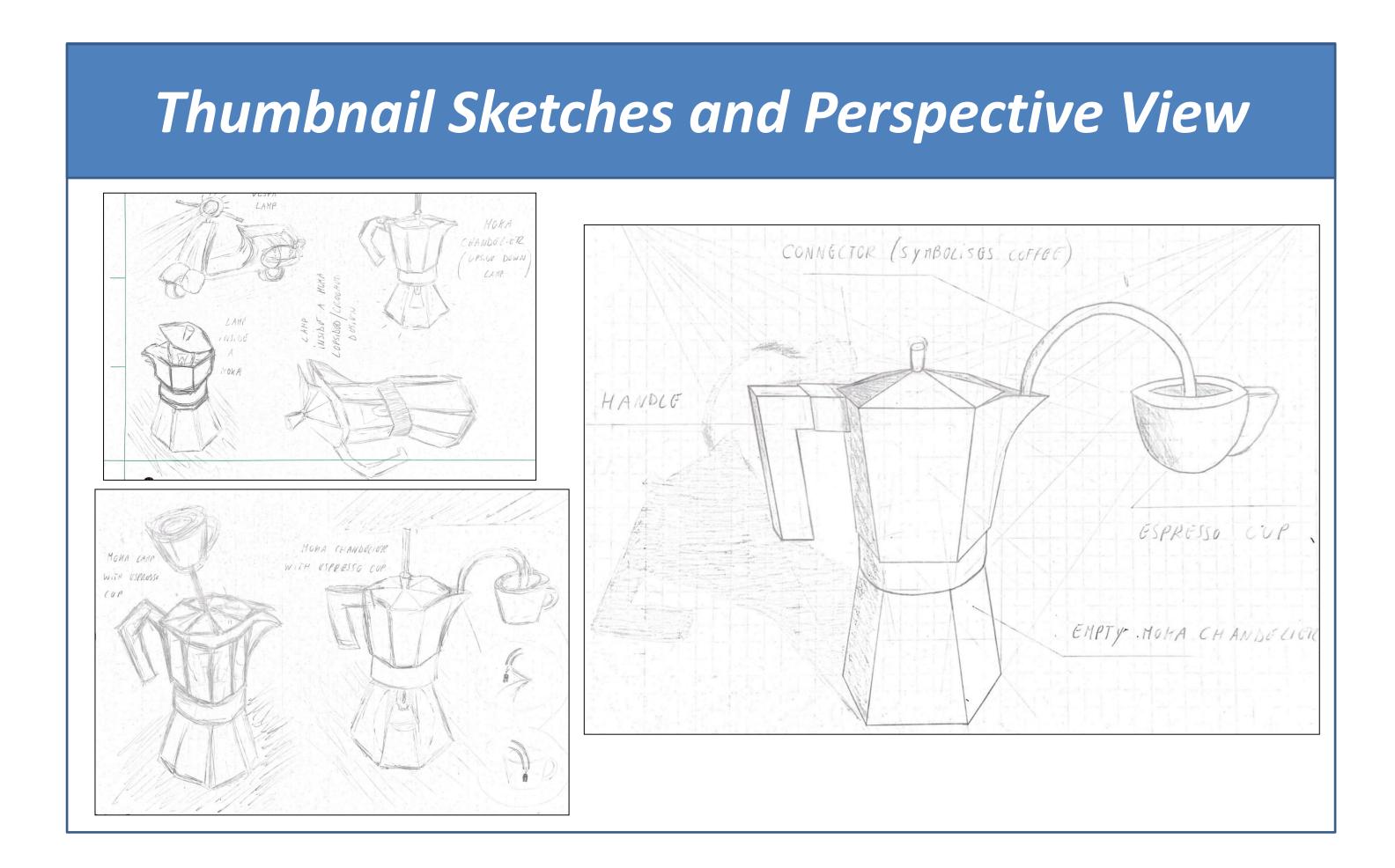


Hanging Espresso

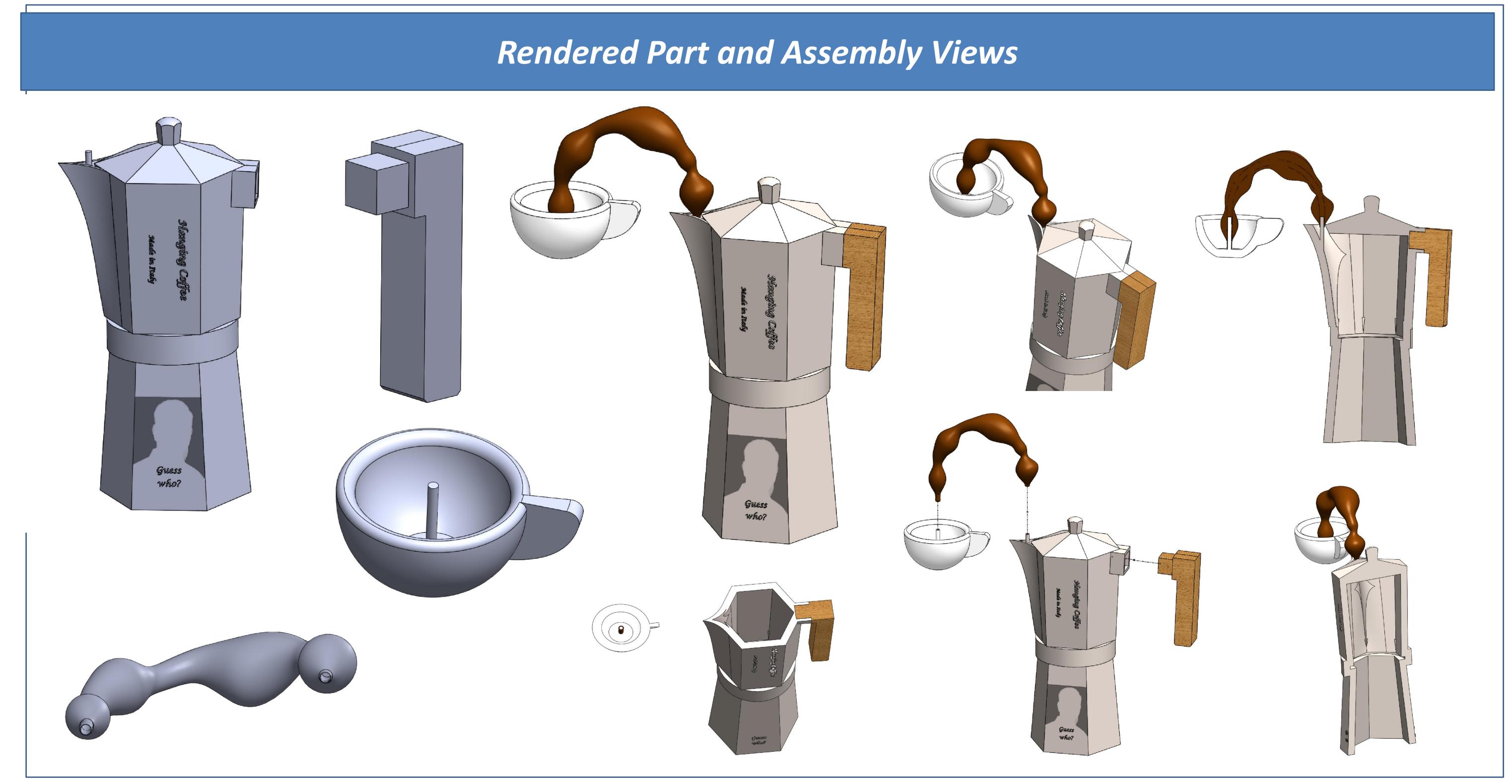
Massimiliano laschi

Product Description and Creative Ideation

In Italy, people consider espresso as an essential part of the day with a spiritual meaning: after lunch, people drink their espresso together before going back to their jobs, discussing about their lives: therefore, no products other than a Moka pot shaped chandelier could better represent my Italian heritage. My ideation process was based on the UnTiED method, which allowed me to avoid self-imposing limits to my creativity, and its outcome was a very original mix in my opinion, because despite a Moka pot and a chandelier are something extremely different, some similarities in the shape and in the symbol they represent (enlightening and illuminating) still exist, and the final touch of adding the coffee poured in the cup made the combination even more unusually impressing. To conclude, the most fundamental design heuristic card used for my design was "Add to Existing product", that gave me the idea to use an already existing product to come up with my design (but in my case by changing its functionality).

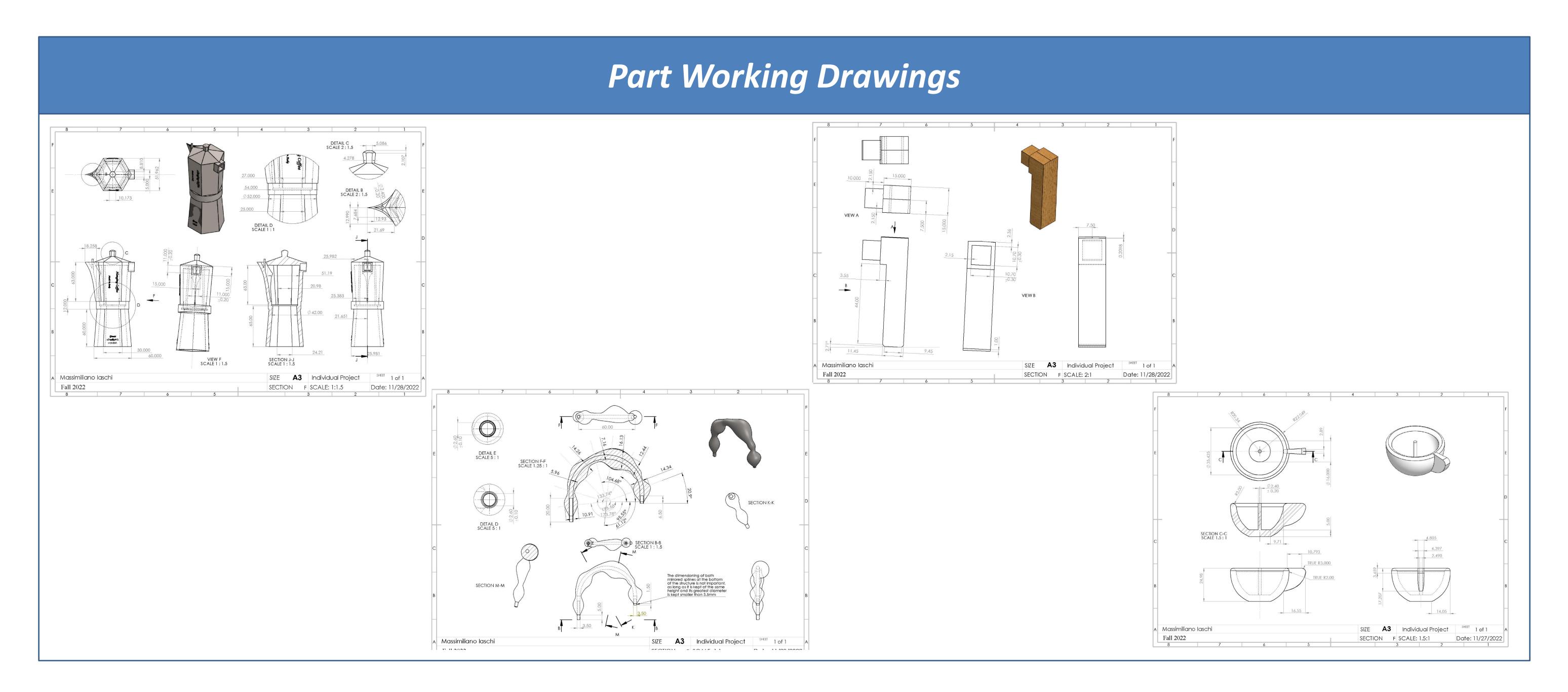


Multi-views, Section Views and Assembly Drawings CONNOCTION BETWEEN TIAND IL IS A PINAND PART II Uhits= hm SCALE 1:2 THE CONNECTOR, DET ALL WHICH SYMBOLISUS THE HANDLE IS ASSEMBLED SUMUS COFFEE POURCE TO THO MAIN BODY THROUGH IN THIS USPRESSO AN INTERFERENCE. DUTAIL B A- VURY SOLID ASSUMBLY. PART II CONNECTION BETWEEN THE MAIN BODY THO YORA, IS MANIFACTURED AS ONE UNIQUE PIECE, WITH A CYCINDRIC HOLO. X THO MIDDLE FOR THE LAMP.

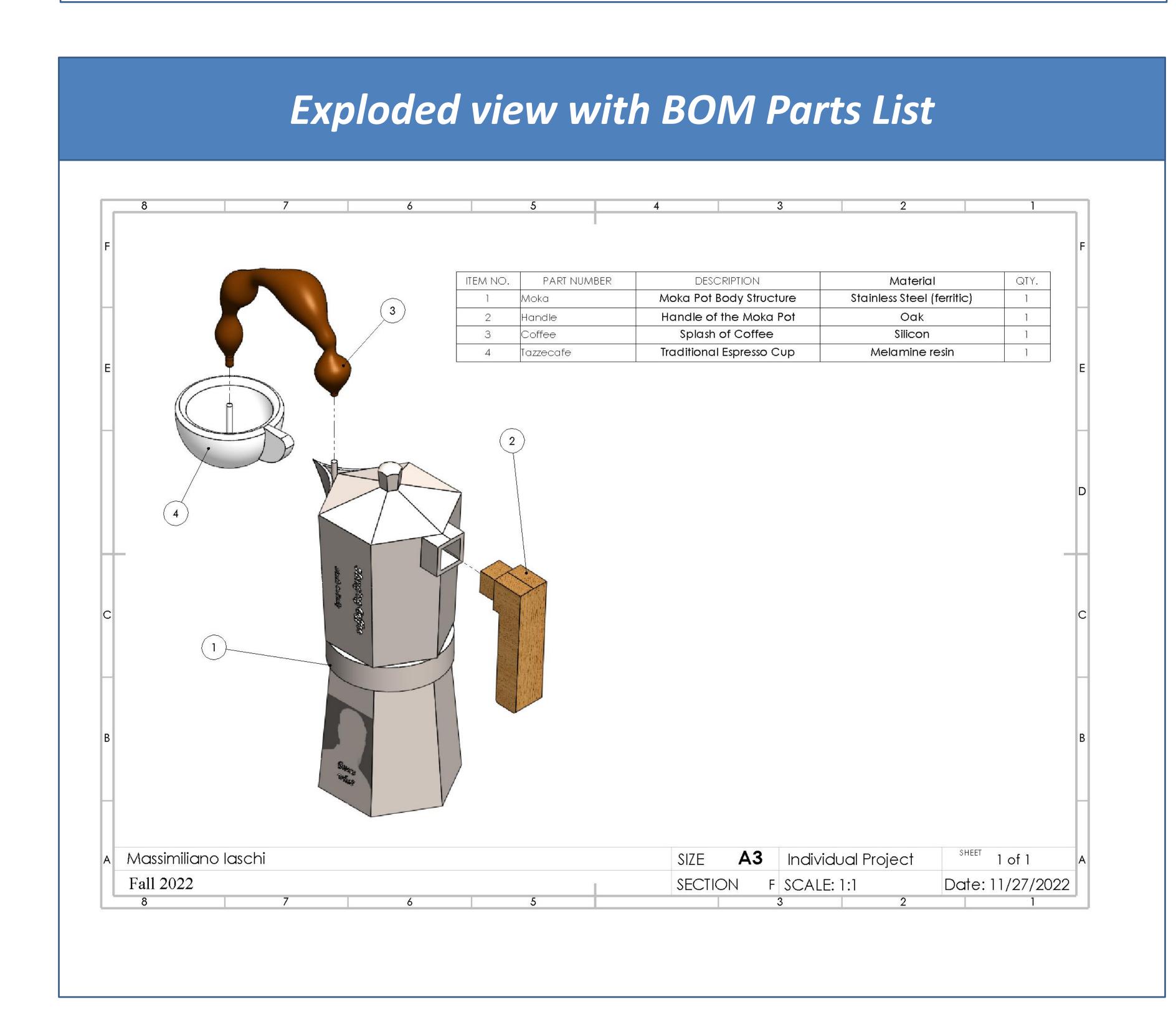








Dimensional Tolerance and GDT Tables **Modeling Approach** GD&T parameter to | Tolerance with Manufacturing **Part Name** Symbol Process Control Moka Pot Extrude & Loft & Injection Molding Symmetry, Flatness 0.20 mm Revolve & Sweep & Mirror Extrude & Chamfer Machining 0.30mm // Handle Parallelism 0.10mm \(\square\) Extrude & Revolve & Injection Molding Spilled Coffee Cylindricity, Profile Sweep & Loft of a Surface Extrude & Revolve & Injection Molding 0.20mm Espresso Cup Circularity Fillet & Mirror **Dimensional Tolerance limit for Part** Max Clearance or Parts in the Fit Type Assembly Interference A & B (MMC/LMC) Moka & Handle Clearance 11.0 ± 0.20mm 10.8 ± 0.30mm Clearance 0.70mm (LMC) Moka & Coffee Clearance 2.4 ± 0.20mm 2.60 ± 0.10 mm Clearance 0.50mm (LMC) Cup & Coffee 2.4 ± 0.20mm 2.60 ± 0.10mm Clearance Clearance 0.50mm (LMC)



Assembly Instructions

