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Rozprawa doktorska w dziedzinie sztuki w dyscyplinie sztuki plastyczne i konserwacja dzieł sztuki

Tytuł: „Innowacja projektowa w oparciu o technologię hydrotermicznej obróbki drewna i klejenia segmentowego. Projekt i realizacja prototypów zestawu drewnianych obiektów do wyposażenia łazienki wraz ze szczegółowym opisem”

Abstract

The dissertation is a description of the design process, which is based on two wood processing technologies: hydrothermal and mechanical - precisely plastic processing: bending solid wood, further processing on CNC machines and segment gluing of the obtained elements. The aim of the process is a systematically developed set of four wooden objects for use in the bathroom - washbasins: free-standing, countertop, recessed into the countertop and integrated with the countertop. In the design process, strong emphasis was placed on modeling and prototyping processes - design goals were linked to technological goals.

The description is conducted along three paths: personal threads constituting the basis for the process, analyzes of design and technological issues from the areas in which the project is embedded, photographic and drawing documentation from a period of four years of prototyping activities and their result: a design project with four prototypes made in technology similar to production.