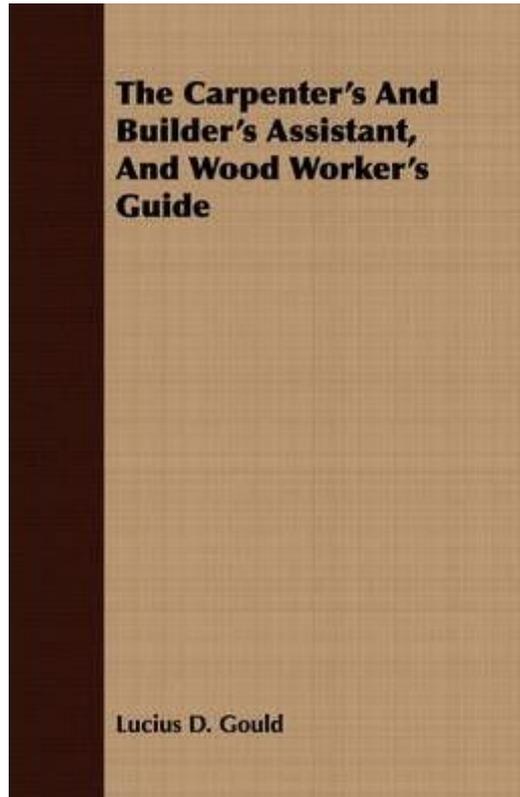


Download The Carpenter's And Builder's Assistant, And Wood Worker's Guide Lucius D. Gould



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The Carpenter's And Builder's Assistant, And Wood Worker's Guide, BY LUCIUS D. GOULD. PREFACE. Several years have elapsed since I first published the House Carpenters Assistant, which met with a ready sale of some seventeen hundred copies, but in consequence of the death of the publisher the work is now out of print. The object of the author is to revise the former work by omitting the treatises on inathematical instruments, to make room for kdditional matter that had been overlooked in the former work, in order to furnish house carpeters and builders with L new and easy system of lilies founded on geometrical principles for framing the most dimcult roofs for cutting every description of joints and for finding the sec. tions of angular pieces at any point from a horizontal to a erpendicular, so that their sides shall be in the plane the sides they are connected with for finding the form of the raking mould. for a gable, to intersect with the horizontal mould at any iingle diverging from a straight line the nitreing of circular mouldings the relative sizes of timbers framed to support s given weight to the rnitreing of planes oblique to the base at my angle. Together with these rules, the alththor also presents tables of the weight and cohesive strength of the differeut mterials uscd in the construction of buildings as well as the weight required to crush said materils, vith a treatise on the adhesion of nails, screws, iron pins and glue. Also an easy system of siir railing for straight end platform stairs, which will enable carpeuters to finish and complete a dwelling without the assistance of a professional stair builder and to all this is added a practical and mathematical demonstration of finding the circumference and squaring the circle when the diameter is given. There can be but little doubt that a work of this kind is needed by architects and builders. and especially by carpenters and worlrmn who are inexperienced in the different kinds of labor which they are called upon to perform. Many a journeyman carpenter has found himself suddenly thrown out of employment simply because he was ignorant of the rules by which he could perform some required task. It is rather for the benefit of such than for the experienced workmen, that this volume is designed, and should it be the means of promoting their interest or inciting them to a study of the noble science and art of construction, the author will feel well compensnted for his labor. It is but due to cknowledge that me have consulted the valuable works of Thomas Tredgold, for the articles on the strength and weight of matials, also to Mr. Honetus M. Albee, a skillful and experienced stair-builder for the niethod of finding the distnces to kerf the back string for circular stairs.

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