



Abstract: (FIG. 1)

"AUTOMATIC PROGRAM GENERATING APPARATUS"

A program generating process is a plant-like process to uniformly generate an accurate, error-free program in accordance with an industrial technique, and a design process requires simple jobs to shorten the
5 program generation time. A skeleton file (300) stores skeletons having predetermined formats and constituted by instruction data of fixed process items in regular job contents so as to correspond to different types of job contents. A program generating section (100) inclu-
10 des a unit for reading out a skeleton of a designated format from a workstation (200), a unit for requesting to input predetermined instruction words in undefined instruction areas of the readout skeleton through a display unit in a predetermined order, and a program
15 coding unit for determining that necessary instruction data are input to all the undefined instruction areas of the readout skeleton and causing an automatic coding section (500) to code the resultant structure to obtain a program.