



(54) **COMPUTER MANUFACTURING WITH SMART CONFIGURATION METHODS**

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(58) **Field of Search** ..... **713/1**, **100**, **700**, **713/200**, **2**, **106**

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(57) **ABSTRACT**

A system of computer manufacturing with pre-installation of software which utilizes a software selection process controlled by a rules database to determine the proper software components to be pre-installed onto an assembled computer or hard drive. Additionally, the rules base determines the appropriate diagnostic and set-up software components to be installed in order to ensure a system that is ready-to-run upon receipt by a purchaser.

**48 Claims, 19 Drawing Sheets**

