UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ROCKWELL AUTOMATION, INC. ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Petitioners

V.

AUTOMATION MIDDLEWARE SOLUTIONS, INC.
Patent Owner

Patent No. 6,516,236 Issue Date: February 4, 2003 Title: MOTION CONTROL SYSTEMS

Inter Partes Review No. 2017-00048

PETITION FOR *INTER PARTES* REVIEW UNDER 35 U.S.C. §§ 311-319 AND 37 C.F.R. § 42.100 *ET SEQ*.



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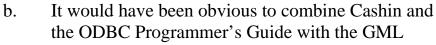
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(iii)	[1e] "an extended set of extended driver functions, where each extended driver function is associated with one of the non-primitive operations"
(iv)	[1g] "component code associated with each of the component functions, where the component code associates at least some of the component functions with at least some of the driver functions"
(v)	[1h] "a set of software drivers, where each software driver is associated with one motion control device in the group of supported motion control devices, each software driver comprises driver code for implementing the motion control operations associated with at least some of the driver functions, and"
(vi)	[1i] "one of the software drivers in the set of software drivers is a selected software driver, where the selected software driver is the software driver associated with the selected motion control device"
(vii)	[1k] "a motion control component for generating the sequence of control commands for controlling the selected motion control device based on the component functions of the application program, the component code associated with the component functions, and the driver code associated with the selected software driver."
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			(i)	[1b] "a set of motion control operations, where each motion control operation is either a primitive operation the implementation of which is required to operate motion control devices and cannot be simulated using other motion control operations or"
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