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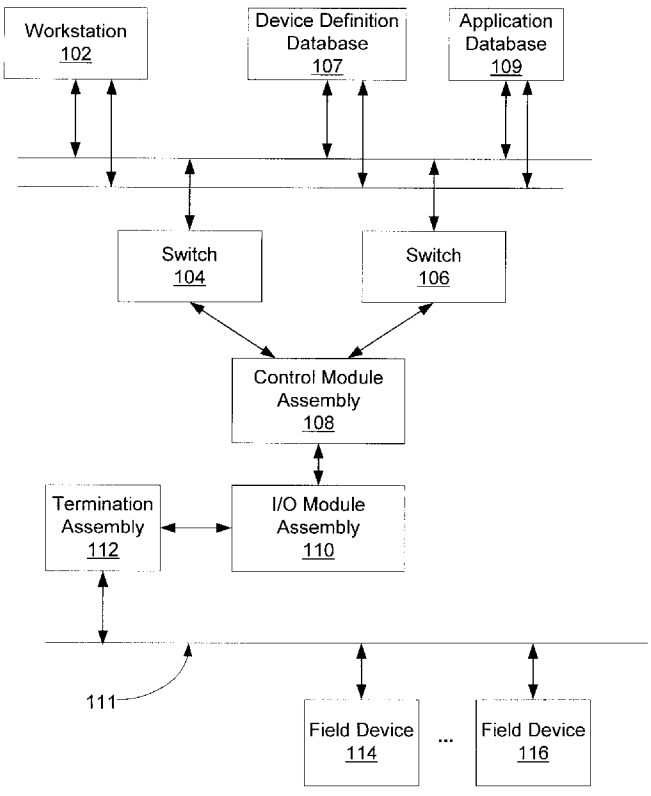
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[Continued on next page]

(54) Title: METHOD AND SUPPORTING CONFIGURATION USER INTERFACES FOR STREAMLINING INSTALLING REPLACEMENT FIELD DEVICES



(57) Abstract: A method and user interfaces are described herein installing a field device as a replacement for a previously installed field device of a same type in a process control system. The disclosed method includes initially specifying a device type commissioning definition that includes a set of device-type specific parameters. A first set of instance-specific configuration parameter values are then stored for a first field device. When replacing the first field device by a second field device of the same type on a process control network, the commissioning definition and the previously stored parameters for the first device are used to automatically configure the second device.

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USPC - 700/20; 713/1; 715/733; 702/183; 709/246
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
USPC: 700/20, 713/1, 715/733, 702/183, 709/246

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
pubWEST, USPTO, DialogPRO(Global Patents), Google, Answers.com

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Electronic Databases Searched: PubWEST(USPT,PGPB,EPAB,JPAB); DialogPRO(Patents); Google Patents; Answers.com; Search terms: Field device, transmitter, positioned, install, replacement, device, definition, parameter, instance, configuration, process, control, network, computer, instructions, user, time, support, operation

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X -- Y	US 7,020,532 B2 (JOHNSON et al.) 28 March 2006 (28.03.2006), para [0003], [0013], [0019]-[0023], [0042], [0047], [0049], [0053], [0057], [0067], [0089]-[0091], [0096], [0104], [0107], [0113], [0138], [0175], [0178], [0180]-[0181], [0185], [0210], [0220], [0221], [0240], [0261], [0288]-[0289]	1-9 ----- 10
X -- Y	US 6,449,715 B1 (KRIVOSHHEIN) 10 September 2002 (10.09.2002), col 5, ln 39, 45, 52, 62, col 6, ln 17, 28-40, 52, 53, 60, 61, col 7, ln 33, col 8, ln 1, col 10, ln 45, 54, 55, col 13, ln 17, col 21, ln 27, 28, 33-43, col 25, ln 55; See Figs. 5A, 5B, 6-15; See Table 2; See claims 7 and 39	11-20 -------- 10
A	US 6,754,885 B1 (DARDINSKI et al.) 22 June 2004 (22.06.2004), entire document	1-20

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