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(54) Title: IMPLEMENTING CHANGES MADE TO SOURCE CODE OF RELOADABLE TYPES AT RUNTIME

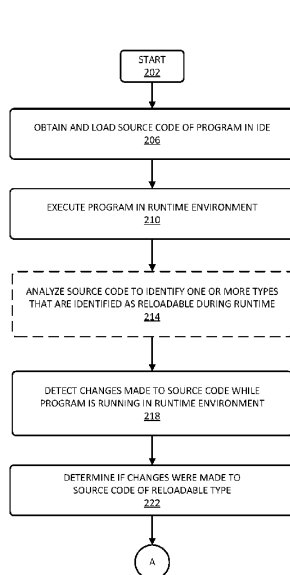


Fig. 2

(57) Abstract: Systems and methods for implementing changes made to source code of a program at runtime are provided. In particular, a computing device may execute the source code in a runtime environment and detect changes made to the source code at runtime in the runtime environment. In response to detecting the changes, the computing device may determine if the changes were made to a type in the source code identified as reloadable. In response to determining that the changes were made to the type in the source code identified as reloadable, the computing device may create a new version of the type and perform implementation of the changes to the source code at runtime using the new version of the type.

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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