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(54) Title: ENABLING WEB BROWSER EXTENSIONS TO PERFORM ASYNCHRONOUS BLOCKING OPERATIONS

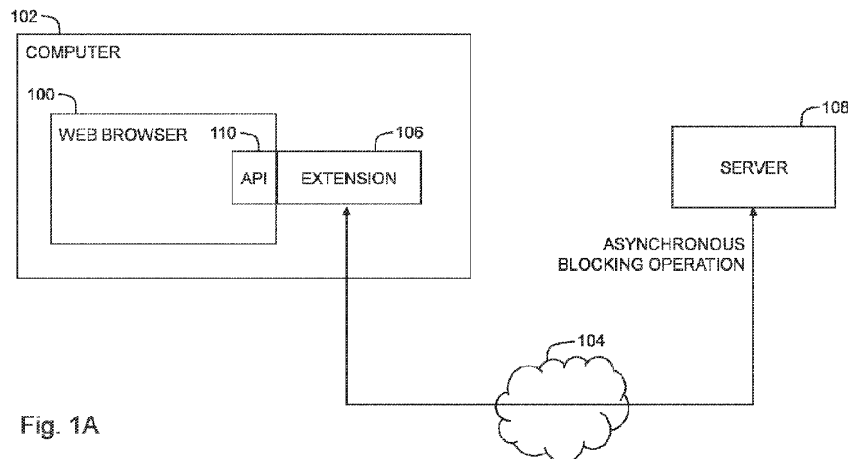


Fig. 1A

(57) **Abstract:** Enabling a web browser extension to perform an asynchronous blocking operation by configuring the web browser to receive from a web browser extension an extension-provided callback function and an indicator, where the extension-provided callback function is configured to perform an asynchronous blocking operation, where the indicator indicates that the extension callback function relates to an asynchronous blocking operation, where the extension-provided callback function is configured to receive a web-browser-provided callback function as a parameter of the extension-provided callback function, and where the extension-provided callback function is configured to call the web-browser-provided callback function after performing the asynchronous blocking operation, and configuring the web browser to call the extension-provided callback function with the web-browser-provided callback function as a parameter of the extension-provided callback function call if the indicator indicates that the extension callback function relates to an asynchronous blocking operation.

[Continued on next page]

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