

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311040105 A

(19) INDIA

(22) Date of filing of Application :12/06/2023

(43) Publication Date : 14/07/2023

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING MALICIOUS BROWSER EXTENSIONS

(51) International classification :G06F 121009, G06F 169570, G06F 215500, G06F 215600, H04L 670200  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(57) Abstract :

A system (100) for detecting malicious browser extensions, the system comprising: a network interface operable for connecting to a data network, and one or more computing device, including at least a hardware processor (104) and a memory. The hardware processor configured to: identify that a browser extension (102-1, 102-2, 102-3, . . . . ., 102-N) that is installed on a computing device is configured to modify the operation of a browser application; and determine that the browser extension is a malicious browser extension based on a manner that the browser extension modifies content presented within the browser application, and based on result of a comparison of the browser extension with a database of extensions and browser hijackers known to be malicious.

No. of Pages : 35 No. of Claims : 10