

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201911039604
A

(19) INDIA

(22) Date of filing of Application :30/09/2019

(43) Publication Date : 02/04/2021

(54) Title of the invention : SYSTEM AND METHOD FOR CLEANING A BOARD

(51)
International :G06F0016583000,G06F0016438000,G06F0016580000,B63G0008420000,G06F0016510000
classification
(31) Priority
Document :NA
No
(32) Priority :NA
Date
(33) Name
of priority :NA
country
(86)
International
Application :NA
No :NA
Filing
Date
(87)
International : NA
Publication
No
(61) Patent
of Addition
to
Application :NA
Number :NA
Filing
Date
(62)
Divisional to
Application :NA
Number :NA
Filing
Date

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(57) Abstract :

The present disclosure provides a system and method for cleaning a board. The system includes: a sliding assembly coupled to the board, and having sliding member and cleaning unit coupled to sliding member; an input unit having imaging device configured to receive information associated with the board and generate first set of images associated with the information; and a control unit configured to clean, by using the cleaning unit, the board by activating the sliding assembly; detect, upon generation of the first of images, one or more objects in at least one of the first set of images; generate, by the control unit, metadata associated with at least one of the detected objects to extract a query image from the first set of images based on the metadata; and clean, by using the cleaning unit, based on extraction of the query image, the board.



No. of Pages : 23 No. of Claims : 8