(19) INDIA

(22) Date of filing of Application :20/09/2021 (43) Publication Date : 24/03/2023

## (54) Title of the invention: DETACHABLE DISPLAY ASSEMBLY

(51) International classification	G06F0003140000, G09G0005120000,	(71)Name of Applicant:  1)Chitkara Innovation Incubator Foundation Address of Applicant: SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh - 160009, India. Chandigarh India (72)Name of Inventor:
(31) Priority Document No	:NA	1)ARORA, Jatin
(32) Priority Date	:NA	2)SINGH, Saravjeet
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Numbe	r:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present disclosure provides a detachable display assembly (100) comprising one or more display screens (102) adapted to be attached to one or more uniform surfaces., the one or more display screens (102) being communicatively coupled to a computing device storing displayable digital content. The assembly (100) includes one or more input units (108) configured to activate or deactivate one or more actuators (110) in response to user inputs. The one or more actuators (110) are enabled to activate one or more display drivers (104), configured to generate a set of driving signals for activating the one or more display screens (102). A power regulator unit (112) is configured to deliver electric power to the assembly (100). One or more connectors (106) are enabled to communicatively couple the one or more display screens (102), the one or more display drivers (104), the one or more input units (108), the one or more actuators (110), the power regulator unit (112) and the computing device.

No. of Pages: 22 No. of Claims: 7