

(21) Application No: **1010252.3**

(22) Date of Filing: **19.11.2008**

(30) Priority Data:  
(31) **11960755** (32) **20.12.2007** (33) **US**

(86) International Application Data:  
**PCT/US2008/083946 En 19.11.2008**

(87) International Publication Data:  
**WO2009/085437 En 09.07.2009**

(71) Applicant(s):  
**Avago Technologies General IP (Singapore) Pte. Ltd**  
**(Incorporated in Singapore)**  
**No. 1 Yishun Avenue 7, Singapore 768923, Singapore**

(72) Inventor(s):  
**David Bohn**  
**Mark Depue**

(74) Agent and/or Address for Service:  
**Williams Powell**  
**Staple Court, 11 Staple Inn Buildings, LONDON,**  
**WC1V 7QH, United Kingdom**

(51) INT CL:  
**G06F 3/033** (2006.01) **G06F 3/03** (2006.01)

(56) Documents Cited by ISA:  
**EP 1503275 A2** **KR 100399639 B1**  
**US 20070085859 A1** **US 20060255152 A1**

(58) Field of Search by ISA:  
INT CL **G06F**  
Other: **eKIPASS (KIPO internal)**

(54) Title of the Invention: **Optical mouse**  
Abstract Title: **Optical mouse**

(57) Various embodiments of optical mice are disclosed. One embodiment comprises a light source configured to emit light having a wavelength in or near a blue region of a visible light spectrum toward a tracking surface at an oblique angle to the tracking surface, an image sensor positioned to detect non-specular reflection of the light from the tracking surface, and one or more lenses configured to form a focused image of the tracking surface on the image sensor at the wavelength in or near the blue region of the visible light spectrum emitted by the light source. Further, the optical mouse comprises a controller configured to receive image data from the image sensor and to identify a tracking feature in the image data.

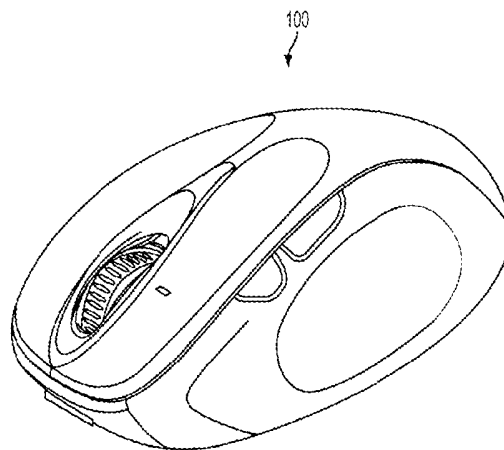


FIG. 1