

[19] Patents Registry
The Hong Kong Special Administrative Region
香港特別行政區
專利註冊處

[11] 1026117 A

[12] **SHORT-TERM PATENT SPECIFICATION**
短期專利說明書

[21] Application No. 申請編號
00104451.4

[51] Int.Cl.⁶ G06F

[22] Date of filing 提交日期
19.07.2000

[45] Publication Date of granted patent 批予專利的發表日期 27.10.2000	[73] Proprietor 專利所有人 HOPESTAR ELECTRONICS LIMITED, Unit 408, 4/F, Shui Hing Centre, 13 Sheung Yuet Road, Kowloon Bay, Kowloon, Hong Kong 香港 [72] Inventor 發明人 ZHENG, BO 鄭波 [74] Agent and / or address for service 代理人及/或送達地址 Federation of Hong Kong Industries, 4/F Hankow Centre, 5-15 Hankow Road, Tsimshatsui, Kowloon, Hong Kong 香港工業總會，香港九龍尖沙咀漢口道五至十五號漢口中 心四樓
---	---

[54] STRUCTURE OF PORTABLE CALCULATOR 便携式計算機結構

[57] A structure of portable computer comprises at least one spring-operated unfolding unit, said spring-operated unfolding unit being mechanically connected between cover and chassis along a hinge axe of cover and chassis, and capable of unfolding cover relative to chassis by pivoting; an oblique support unit for chassis, said oblique support unit for chassis being pivotally installed on chassis, and capable of pivoting between a folded and an unfolded condition and making chassis be supported in a forward inclined position in said unfolded condition; a driving member fixed to spring-operated unfolding unit and a driven member fixed to oblique support unit for chassis, said driving member and driven member being matched to each other to make oblique support unit for chassis operate synchronously with respect to folding and unfolding of cover, and, folded and unfolded positions of oblique support unit for chassis corresponding to folded and unfolded conditions of cover respectively; and an operable locking and closing unit capable of keeping cover in closed condition with respect to chassis. This structure can greatly improve maneuverability of parts such as keyboard mounted in chassis, effectively avoid light reflection phenomenon of display screen which results in unfavorable influence to users, and make the operation of whole computer more convenient and flexible without extra work from users.

一種便携式計算機結構，它包括：至少一個在面蓋件與底盤件的鉸接軸線上機械連接於面蓋件與底盤件之間的、適於將面蓋件相對於底盤件樞轉打開的彈力打開機構；一可樞轉地安裝於底盤件上並可在一收合位置與一張開位置之間樞轉的、適於在打開位置下將底盤件支撐成朝前傾斜狀態的底盤斜支機構；一安裝於彈力打開機構的驅動件和一安裝於底盤斜支機構的從動件，驅動件與從動件相互配合而使得底盤斜支機構同步於面蓋件而樞轉張開和收合，底盤斜支機構的張開和收合位置分別對應於面蓋件的打開和折合位置；以及一適於將面蓋件相對於底盤件保持在關閉狀態的，可操作的鎖閉機構。這種結構可大大改善安裝於底盤內的鍵盤等部件的可操作性，有效避免顯示屏反光等現象給使用者帶來不利影響，而且也不需要使用者額外的操作，使用非常方便靈活。

