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## (12) United States Patent

### Shimano

### (54) PORTABLE COMPUTER USABLE IN LAPTOP AND TABLET CONFIGURATIONS

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- (51) Int. Cl.<sup>7</sup> ..... G06F 1/16
- (52) 361/681; D14/304
- (58)
- 361/686; D14/304, 305; 345/173, 905, 178, 179

#### (56)**References Cited**

### **U.S. PATENT DOCUMENTS**

5,200,913 A	4/1993	Hawkins et al.
5,268,817 A	* 12/1993	Miyagawa et al 361/681
5,333,116 A	7/1994	Hawkins et al.
5,335,142 A	8/1994	Anderson
5,498,165 A	3/1996	Tseng
5,668,570 A	* 9/1997	Ditzik 345/173
5,768,163 A	6/1998	Smith, II

### US 6,771,494 B2 (10) Patent No.:

#### (45) Date of Patent: Aug. 3, 2004

5,900,848	Α	*	5/1999	Haneda et al 345/1.1
5,917,475	Α		6/1999	Kuzunuki et al.
5,987,704	Α		11/1999	Tang
6,122,152	Α	*	9/2000	Goto et al 361/1
6,141,208	Α		10/2000	Hong et al.
6,202,256	B1		3/2001	Bovio et al.
6,219,681	B1		4/2001	Hawkins et al.
6,256,194	B1		7/2001	Choi et al.
6,262,885	B1	*	7/2001	Emma et al 361/683
6,275,376	B1	*	8/2001	Moon 361/683
6,297,947	B1		10/2001	Howell et al.
6,300,921	B1		10/2001	Moriconi et al.
6,301,768	B1		10/2001	Toeniskoetter
6,304,433	<b>B</b> 2		10/2001	O'Neal et al.
6,394,431	B1		5/2002	Smith
2001/0001859	A1		5/2001	Hawkins et al.
2003/0106724	A1	*	6/2003	Masamitsu et al 178/18.03

\* cited by examiner

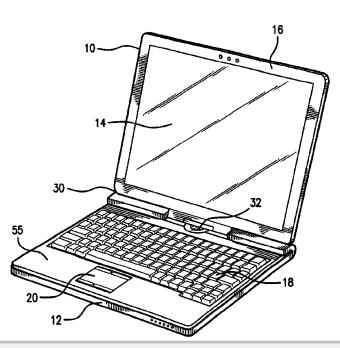
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#### ABSTRACT (57)

Embodiments of the present invention are directed to a portable computer, such as a laptop or notebook computer, a subnotebook computer, a personal digital assistant, a wireless phone or the like, that can be set up in a closed configuration, a laptop configuration or a tablet configuration. The portable computer may include a base unit having a primary input device, such as a keyboard or pointing device, and a display unit having a display device. The base unit and the display unit may be coupled so that the display unit can be moved relative to the base unit to place the portable computer in a desired configuration.

#### 17 Claims, 17 Drawing Sheets



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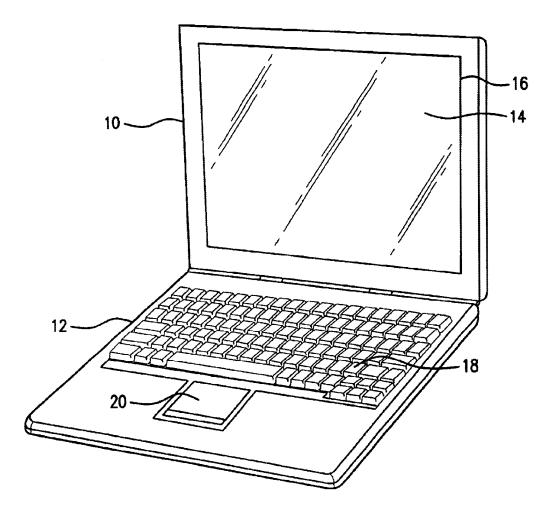
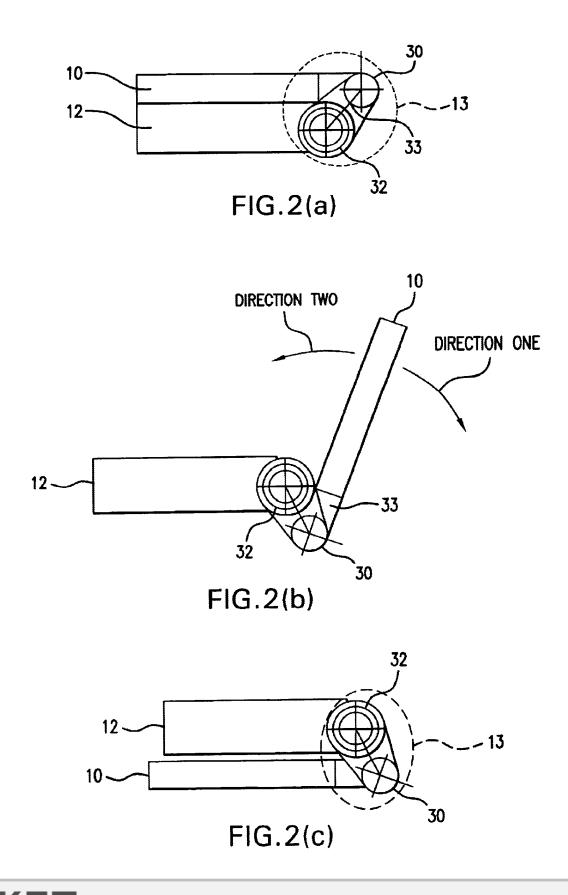
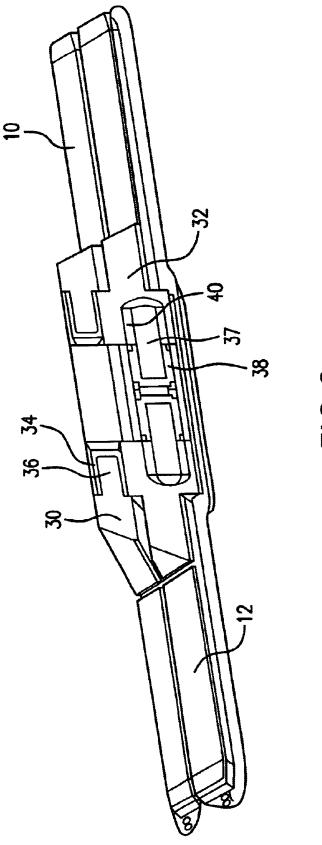


FIG.1

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Α

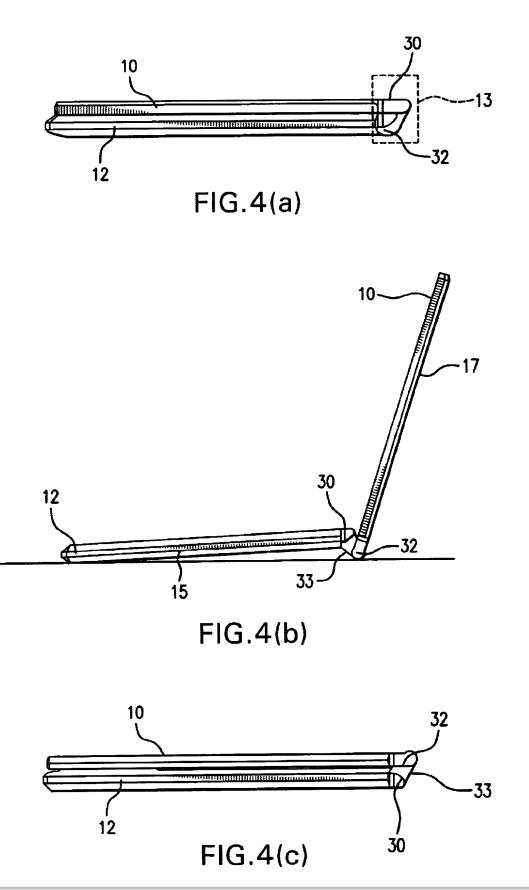






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