

(19)
(12)

(KR)
(B1)

(51) 。 Int. Cl. ⁶
G06F 1/16

(45)
(11)
(24)

2002 11 23
10 - 0361110
2002 11 01

(21) 10 - 1999 - 0028169
(22) 1999 07 13

(65) 2000 - 0067753
(43) 2000 11 25

(30) 09/294,668 1999 04 19 (US)

(73) 22033 12701 550

(72) 21044 10837
22015 6507

(74)

:

(54) -

가 가 (heat - controlling aspects)

- (item)

(non - heat conducting material)
(heat - insulating material)

1
2
3
4
5
6

가

(heat vent)

(mobile computer)

(hands - free manner)

가

, 가

(Firfax)

(Xybernaut Corporation)

(Mobile assistant^R)

5,305,244 (: Newman)

가 - (wearable or user - supported computer)

08/705,247 , 09/092,261 09/160,849

5,305,244 5,844,824

가

5,285,398 (Janik I)

5,491,651 (Janik II)

가

가

(element)

(component)

(belt comput

er) . Janik I

(computing element)가

(flexible signal relaying means)

. Janik

가

가

. Janik I Janik

가

가

가

가

가

가

(desktop computer)

(laptop computer)

(configuration)

가

(desired)

(application)

(fixed - configuration)

가

lar)

(composition)

(modu

가

(compartment)

(peripheral)

가

(theme)

(property)

(assemblage)

(stand alone)

s)

/

(input/output means),

(processor)

(storage mean

가

a) CPU

b) PCMCIA

c) 가

d) ,

e) (optional module).

f) /

g)

h) (power module).

(heat dissipating material) , (insulating material)
 , (heat conducting material)
 가 , (stationary)
 .가 , CPU
 , 가 가

가 / 가
 가 가 ,
 가

a), (conventional computer)" (IBM), (Dell), (Apple), (Compaq), (Toshib
 (Micron), (Hewlett - Packard)

(
 (area)
 Janik I Janik ,

(mouse control module)

(power supply), (m

onitor), (keyboard),

09/092,261 5,305,244 5,844.824

092,261 5,305,244 5,844,824 09/

5,844,824 가

5,305,244 5,844,824

(storage means), (processor means), (audio transducer)

(converter means), (recognizing means)

(plurality)" (activation means)" 5,844,824

ye - tracking activation means), (electroencephalography activation means), (e

(head and arm - tracking means)

가

(non - preferred)

(vest torso) 가

(rib) (lo

uver) 가

(non - heat conducting material)

(

(rubber feet) (belt loop anchor)

(underside) (가)

(rubber legs) (rear side) (con

duit) (power means), (peripherals),

(body or head - mounted display)

가 (

(insulating air space) 가

(loop holder)

1 (1) CPU 가 (2)
 (1) CPU () (1)
 (1) (3) (3) (1)
 (electrical connection)
 3
 가 가 (outer wall) (male connecting means) (4)
 , (female connecting means) (5) ()
 4, 5) (1) (4, 5)
 가 가 가 가 (material composition)
 (magnesium), (aluminum), (metal)
 resin), FRP , , , (styrofoam), (fiberglass) 가 가 ABS ((1)
 (plastics) (2) , " " " " " " " " (square)
 가 가 () (2) 가
 " " " 가 가 (1) , CPU
 (rectangular) (ventilation) (1) 가
 가 (mixture) , 3 (5) (1) , (4)
 , CPU (arrangement) 1 3 (u
 pgraded) 가
 가

2 , (1) (1) (5) (surrounding portion) (4)
 (4, 5) . (1) 3 (complimentary) (4) (backing, 7)
 (6) (surrounding section; 8) , (1)
 (5) (4, 5) ,
 (4, 5)
 . (13) (14)
 (2)

3 (1) 가
 (1) , PCMCIA , 가
 PCMCIA (9) 3 (2)
 (heat venting wall) , (1)
 (2) 가 (9) 5,305,244 , 5,719,743 , 5,719,744
 5,844,824 (10)
 , CPU , - , (4, 5) 3 3 ,
 , (1) 3
 (14) (2) , (bar code scanner) , CD (ROM), VGA , PCMCIA
 (9) (9) (opening; 11) (1)
 (9) , , (1) , ,
 (proper heat) 가 .

4 (2) (2)
 가

(2) (12) (heat insulator) (13, 14)

5 (2)
 5 6 4 가 (12) (13, 14)
 5 6 1/2 6 가
 가
 가
 가

(57)

1.

means) (electroencephalography activation means), (eye - tracking activation means), (head and arm - tracking

가

2.

1

(heat sink)

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(compartment)

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means) (electroencephalography activation means), (eye - tracking activation means), (head and arm - tracking

14.

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(heat sink)

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(compartment)

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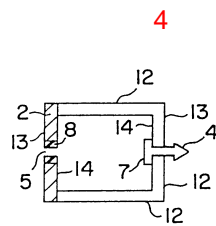
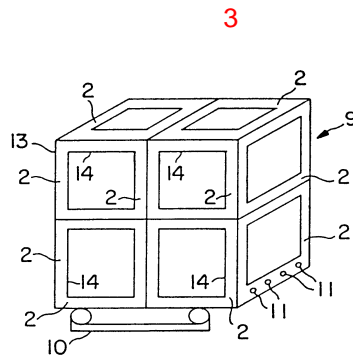
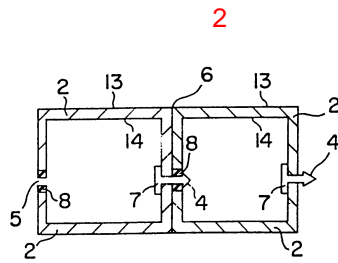
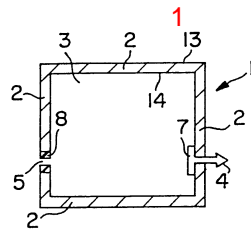
(eye - tracking activation means),

,

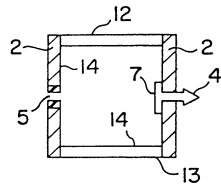
-

(electroencephalography activation means),
(head and arm - tracking means)

26.



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