

52 : 54 :
 56 : 58 :
 60 : 62 :
 64 : 66 :
 68 : 70 :
 72 : 74 : 2
 76 : 80 : HTTP
 82 : 84 :
 86 : HTTP 88 :
 90 : 가 92 : 가
 94 : 98 :
 100 : 102 :
 104 : 106 :
 108 :
 110 : 112 :
 114 : " New Patient"
 116 : " Return" 118 :
 120 : " Set" 122 : " ROI Size"
 124 : " Exit" 126 : " Image Presets"
 128 : 130 : " Code"
 132 : DICOM " End Exam"
 134 : " Auto Optimize"
 136 : " Zoom" 138 : " Freeze"

(ultrasound imaging system)

(a considerable useful life)

(address)

(calibrate)

(the part of the institution perso

nnel)

(centralized servicing)

(physicians or radiologists)

(transparent)

" (sweep) "

(historical)

(propose or schedule visits)

가

가

가

(interaction)

(feedback),

가

가 가

(remotely located)

(log file)

(platform)

가

가

(download)

(field)

(non - imaging)

(turn on)

(keystroke)

(tracking)

(plugging in)

(lifting a pr

obe off of its yoke)

가 (long - term) , " (keystroke logs)" (man
y days worth)

(off - line) 가

(sorting) , (spreadshee
t), (chart)
(1) , (day operator), (referring physician)
; (2) , ; (3)
; (4) (procedures) (useful for quality syst
em validation)); (5)

(routine)

가

(administrative workstation)

etwork)

(local area n

(standalone station)

가

가

가 1 4

1 가 (interchangeable transducer probes) (12) (10) (housing : 14) (16) (18) (14) (20)가 (14) 가 (convex) (specialty)(,) .

(22) (24) 가 1 (26)가

가

/ 가 2 (20) (anatomy) (22) (30) (22) (3)) .

(32) / (20)가 (32) " (on)" " (26) (off)" (, " (throw)) 가 " " " " 가 " " " " .

가 (34) 가
 , 3
 , 가
 , (24a 24d)
 가
 (36) 가

, (24a 24d) 가
 (32)(2) (hook)
 (floating) (34)
 8 ID (38)
 ID (34) ID
 ID (40) ID (36, 38 40) ID
 (34) (42) (48) (42)

(48) (36, 38 40)
 (42)
 (42)
 (34) RF (44) (beamformin
 g) ()

가
 , 가 (, 가 " " " "
 ID 가 (history)
 가 가

,
 (console up) (8) 가
 (4) (16)
 4

,
 " New Patient" (114)
 가 (18) " Y" 가
 " Return" (116) (118)
 " Set" (120)

[illegible]

가

5 (2) (46) (46)

(48) (18)가 (47) (49)(

) (48) 4 (46) (49)

(16) (2) (49) (51)

(48)

(3) ; (2) (1) ;

; (4) () ; (5)

/

(cost - per - exam)
가 .

(cost - per - minute)

, / (tools) 가 가 . 가
(human decision - maker) , / 가
, , , 가 (mining) . (,
.)

,
(,
) (, , ,)
(sneaker - net diskette swap) .

가 가
(, , ,)) (,
) . 1
2 (), 가
ASCII .

가
.

(histograms) , T - , (deviation),
(normality tests) 가 .
(from project - to - project) .

" " 가 가 " " 가
가 가 가
, " " 가 가
가

(billing capability)

6 (2)

(52) (4) (4) (52)

(4)

(()

le - sharing) / , (fi

(50) (52) (4)

(proprietary)

(2) (4)

(IP), (TCP),

(HyperText Markup Language : HTML),

가

(4) (54) (56) 6 (54) (56)

(56)

(4)

(58) (bank)

(56) (4)

(60)

(family)

(2) , 7

(62)

(62)

(62)

가

가

7

(2)

(62)

(64)

(66)

(64)

(66)

HTTP

(68) 70)가

Java

(68)

(18)

HTML

(68)

가

(icon)

가

(68)

가

(70)

가

(68)

가

(70)가

가

(64)

(76)

(72)

(64)

(Point - to - Point Protocol : PPP)

(74)

. 2

(IP

가

8

(4)

100)

(98)

(rack)

(4)

"

(front office)" HTTP

(80)

(80)

(firewall

: 82)

가

(58)

(port manager)

(84)

(84)

(56)

(82)

"

(back office)" HTTP

(86)

, , ,
 (88) HTTP (86) , (56
) 가 (90) , , HTTP (86) (92)
 er) (94) (94) (102), (104), (schedul
 106), (108) ()
 , (102, 104, 106, 108) , ,
 (108) , ()
 가 , (pay - per - use)
 (110) (102 106) (delivery) (112)
 , ,

, (104) (94)
 , , (102)
 (112) 가

7 가 , 가
 (4) 가
 , 가 가 가

, " " " (upload
)" " (download)"
 (, (off - peak))

(embed)
 가 가

가

(teaching)

(57)

1.

(an ultrasound imaging system)

가 (on)

가

가

(machine - readable form)

(keystroke)

-

(stamp)

-

(strip)

(mining)

2.

1

가

(human - readable form)

3.

1

4.

1

(relationships)

5.

1 ,

6.

1 ,

(platform)

7.

6 ,

8.

7 ,

9.

6 ,

10.

1 ,

(log files)

11.

(remotely located)

가 가 가

(address)

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12.

11 ,

(sorting)

(tool)

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13.

11 ,

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14.

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17.

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가 가 가 -
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18.

17 ,

19.

17 ,

20.

17 ,

21.

17 ,

22.

17 ,

가 (hook) (a yoke) ,
 가

23.

17 ,

(a power - on)

.

24.

17 ,

(panel)

.

25.

17 ,

가

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26.

17 ,

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27.

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28.

27 ,

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29.

27 ,

(a bill)

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30.

27 ,

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42.

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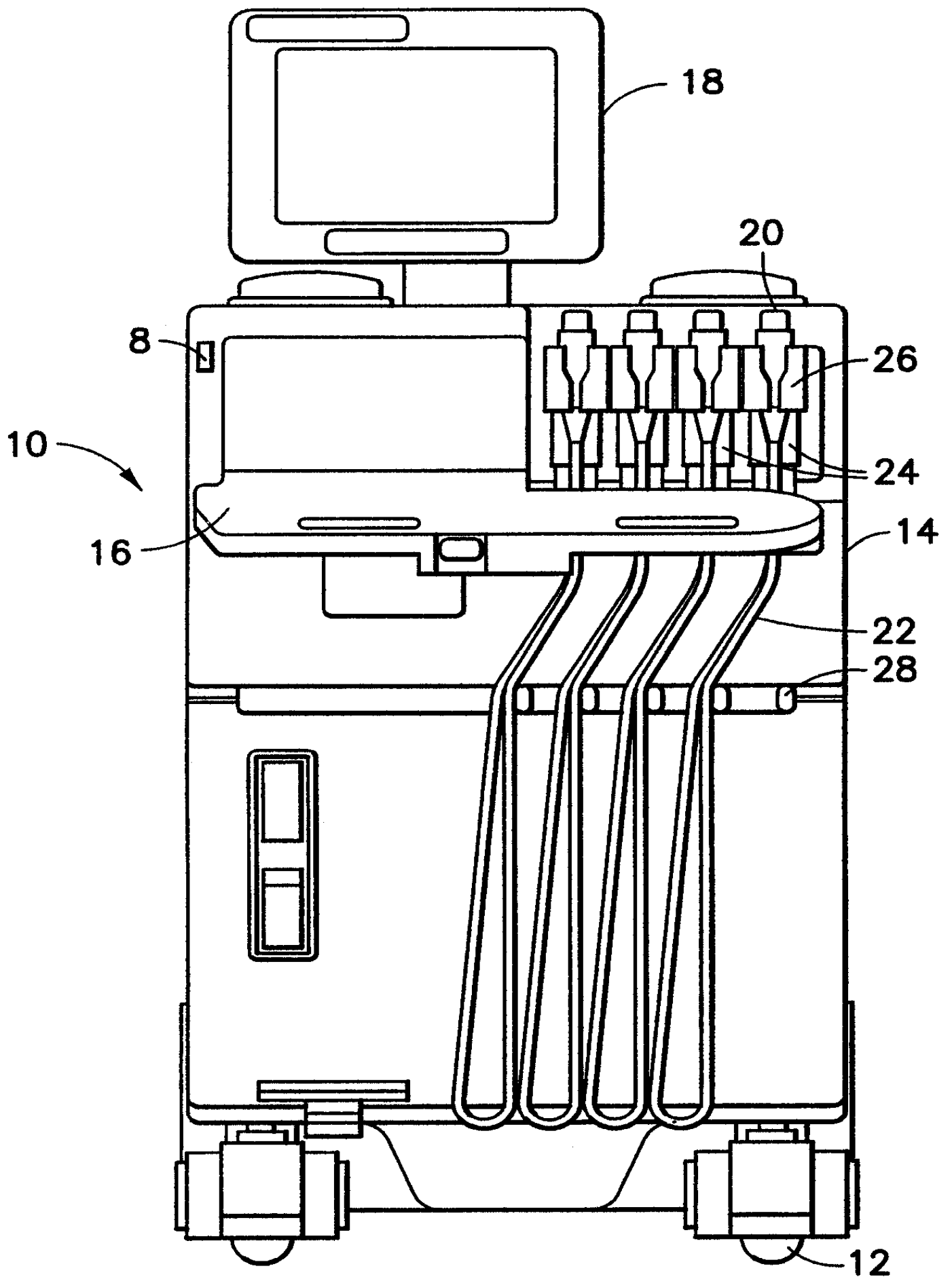
,

.

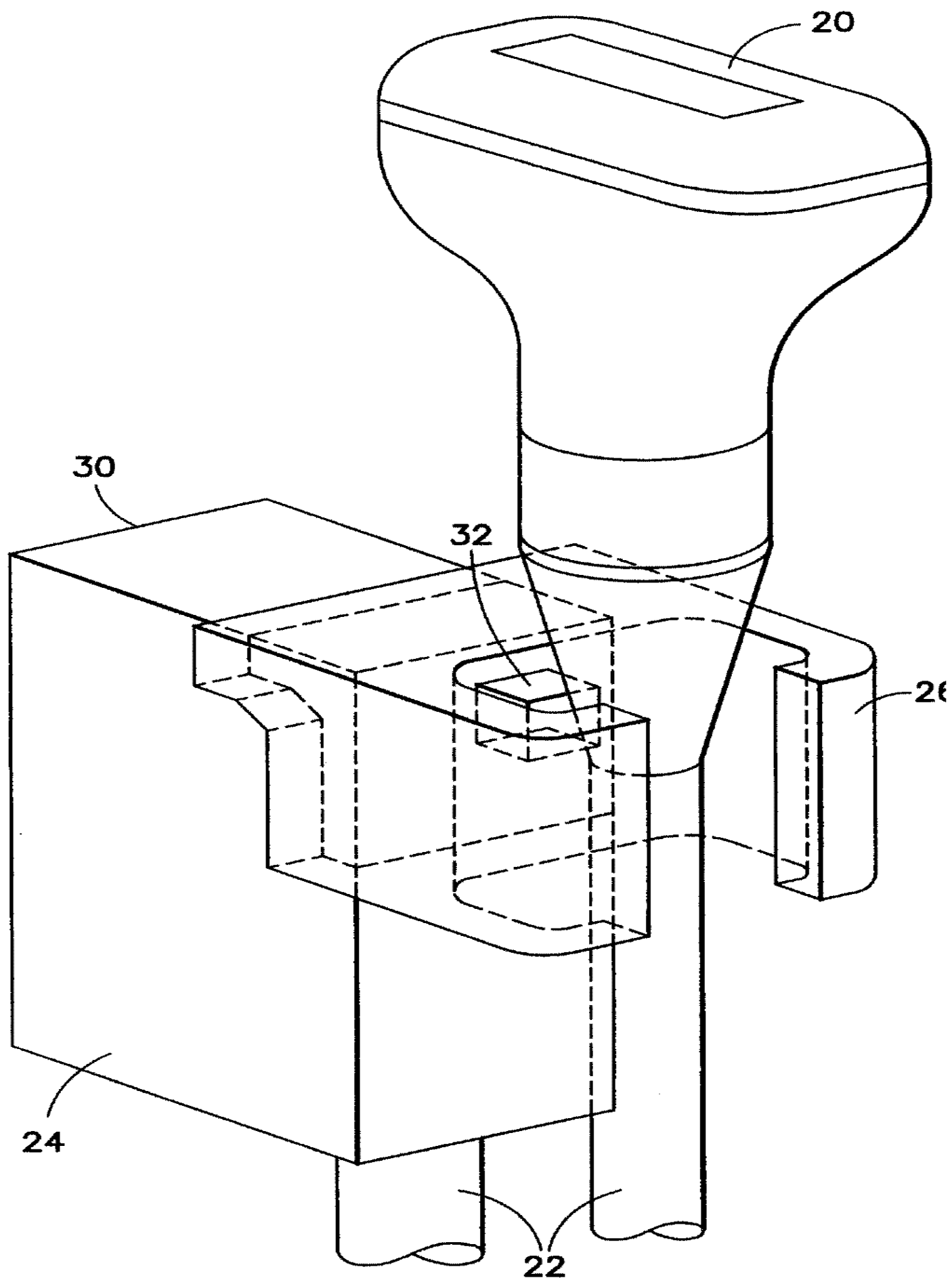
43.

42 ,

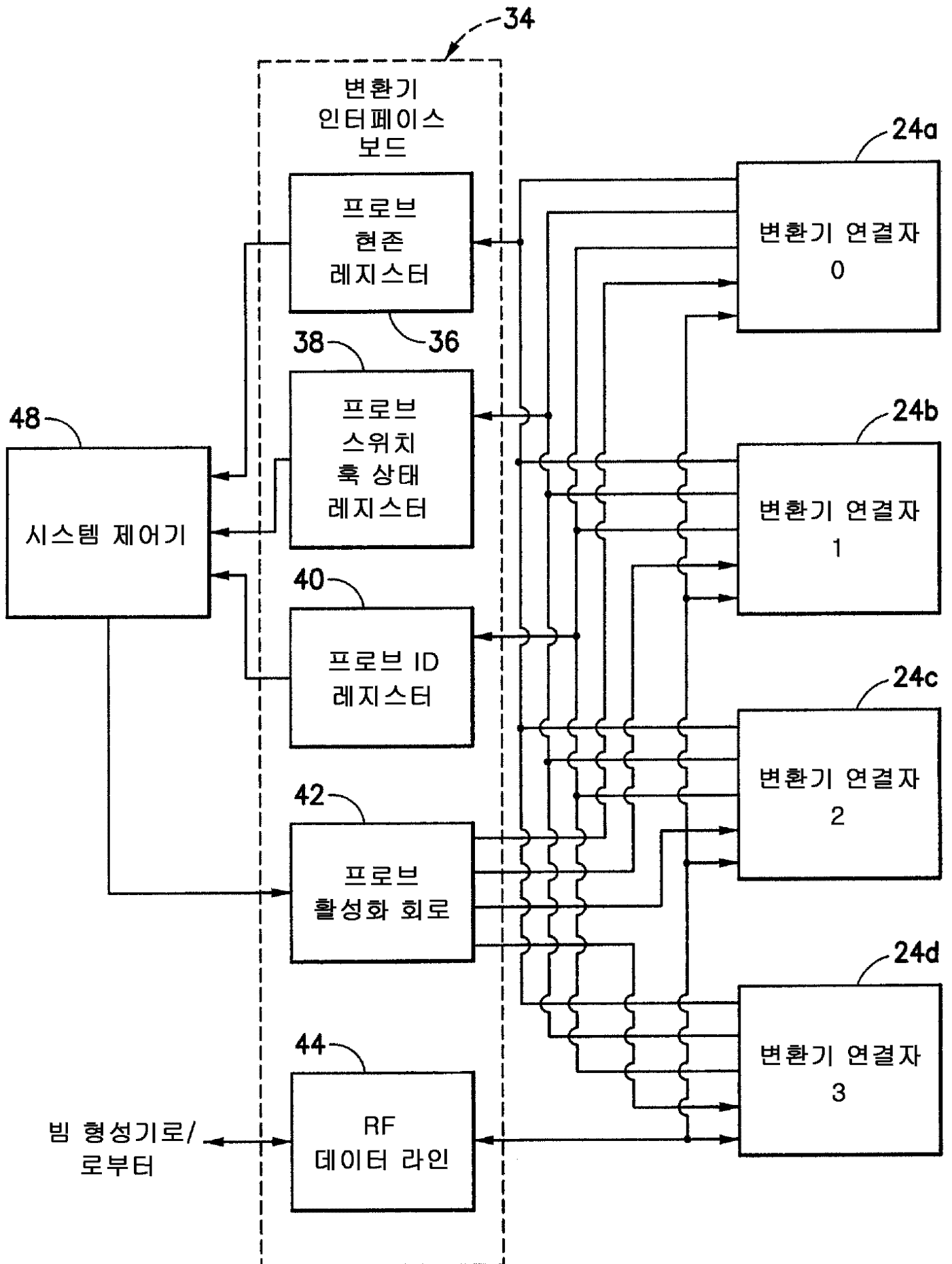
1

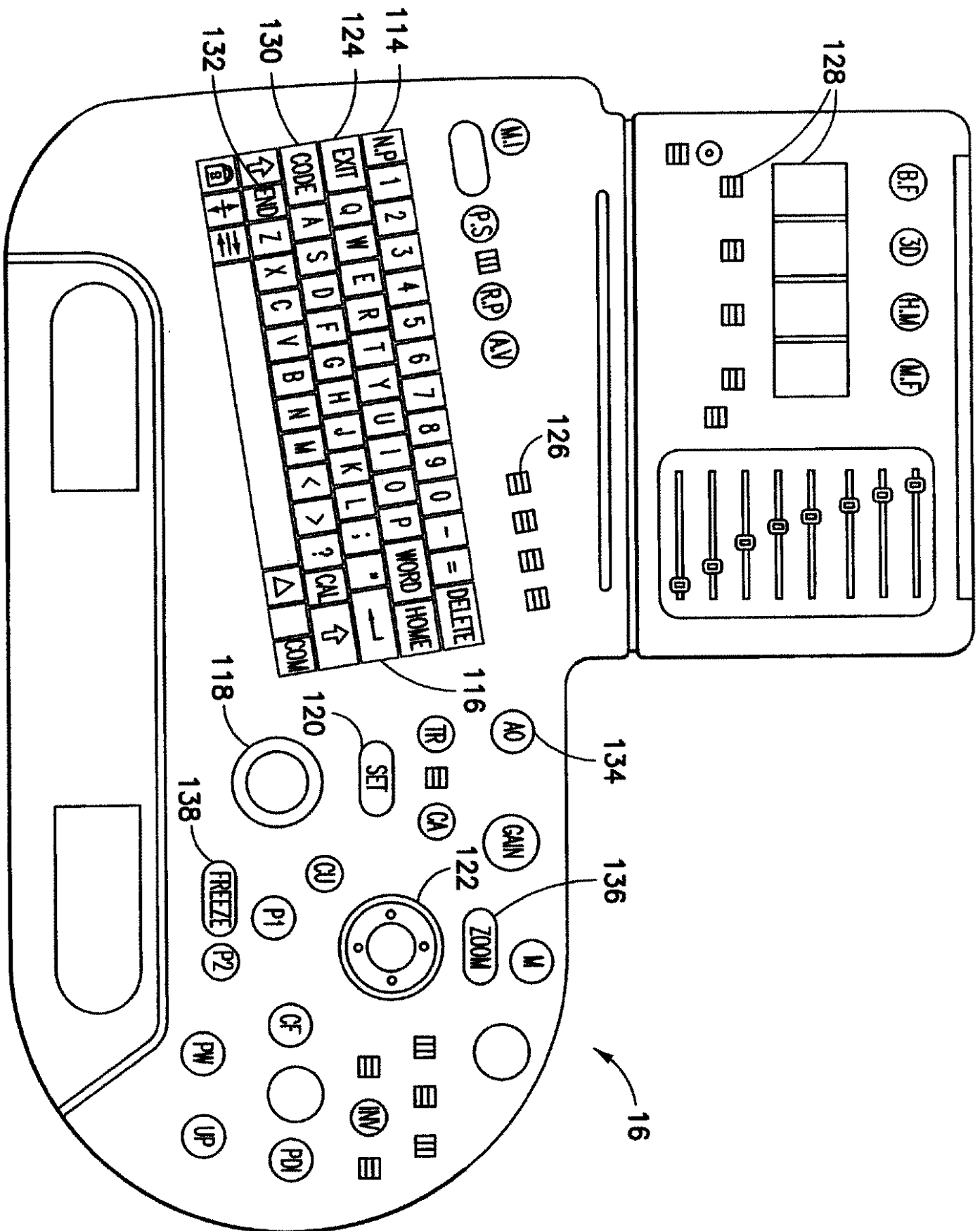


2

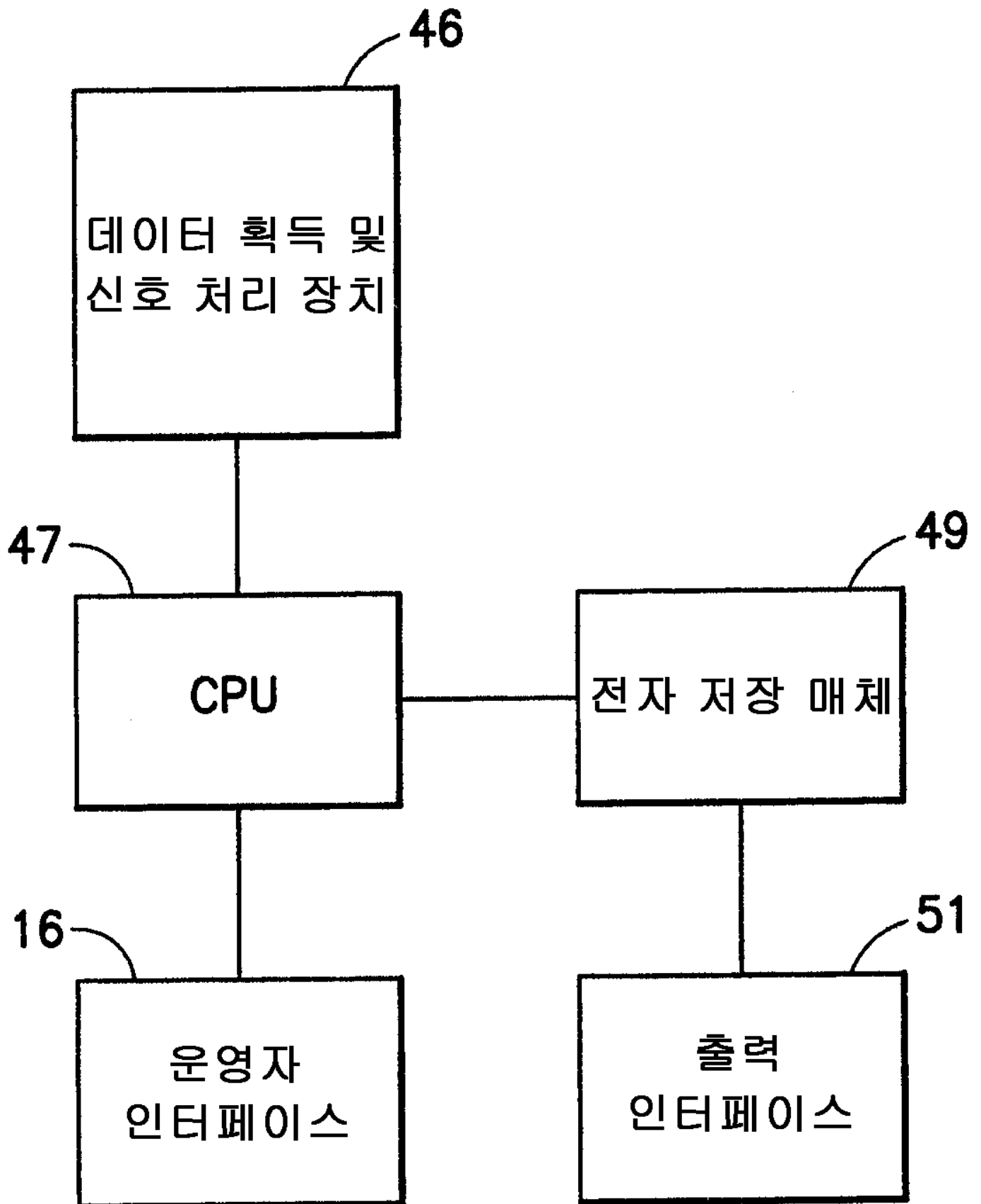


3

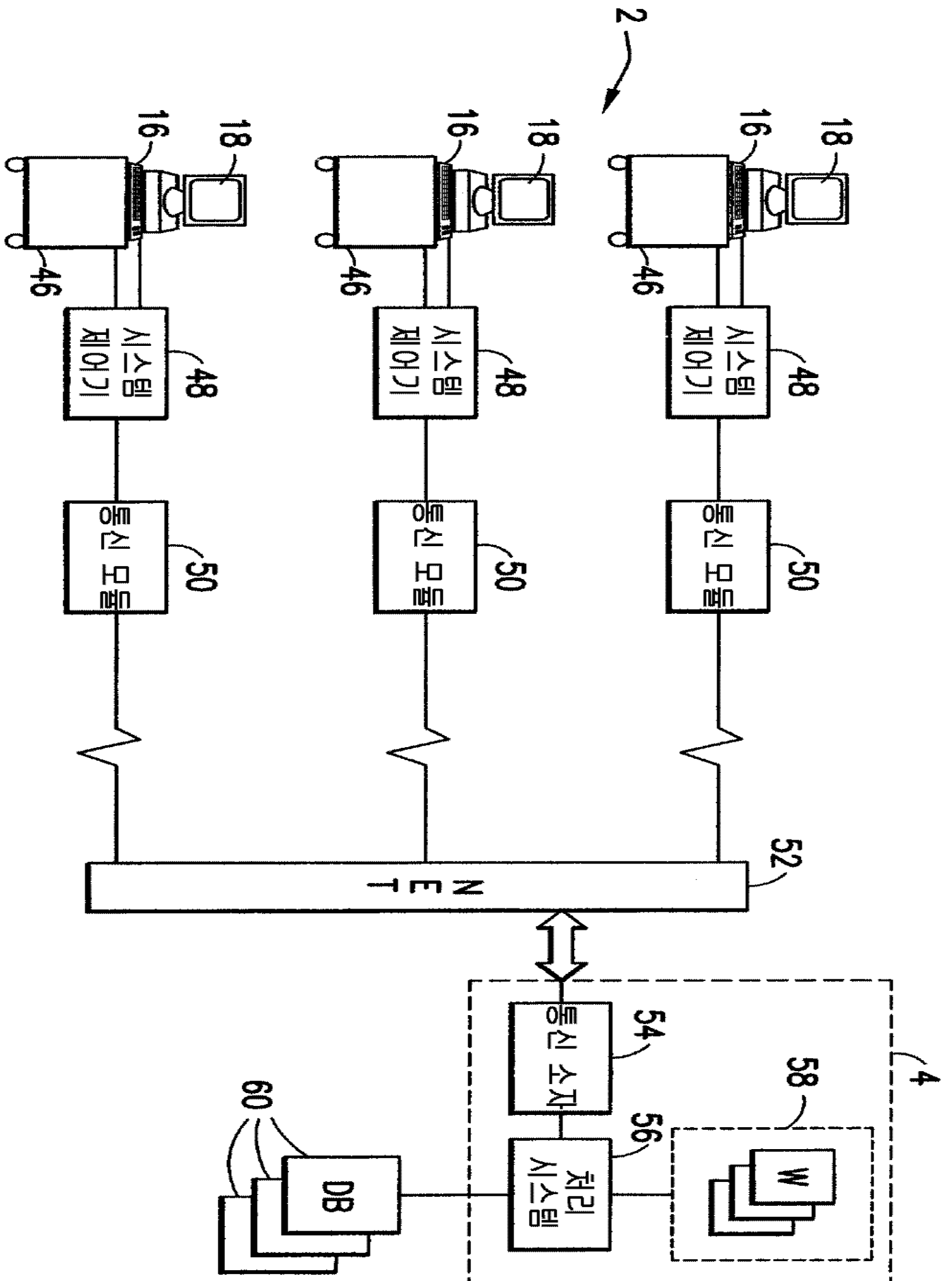




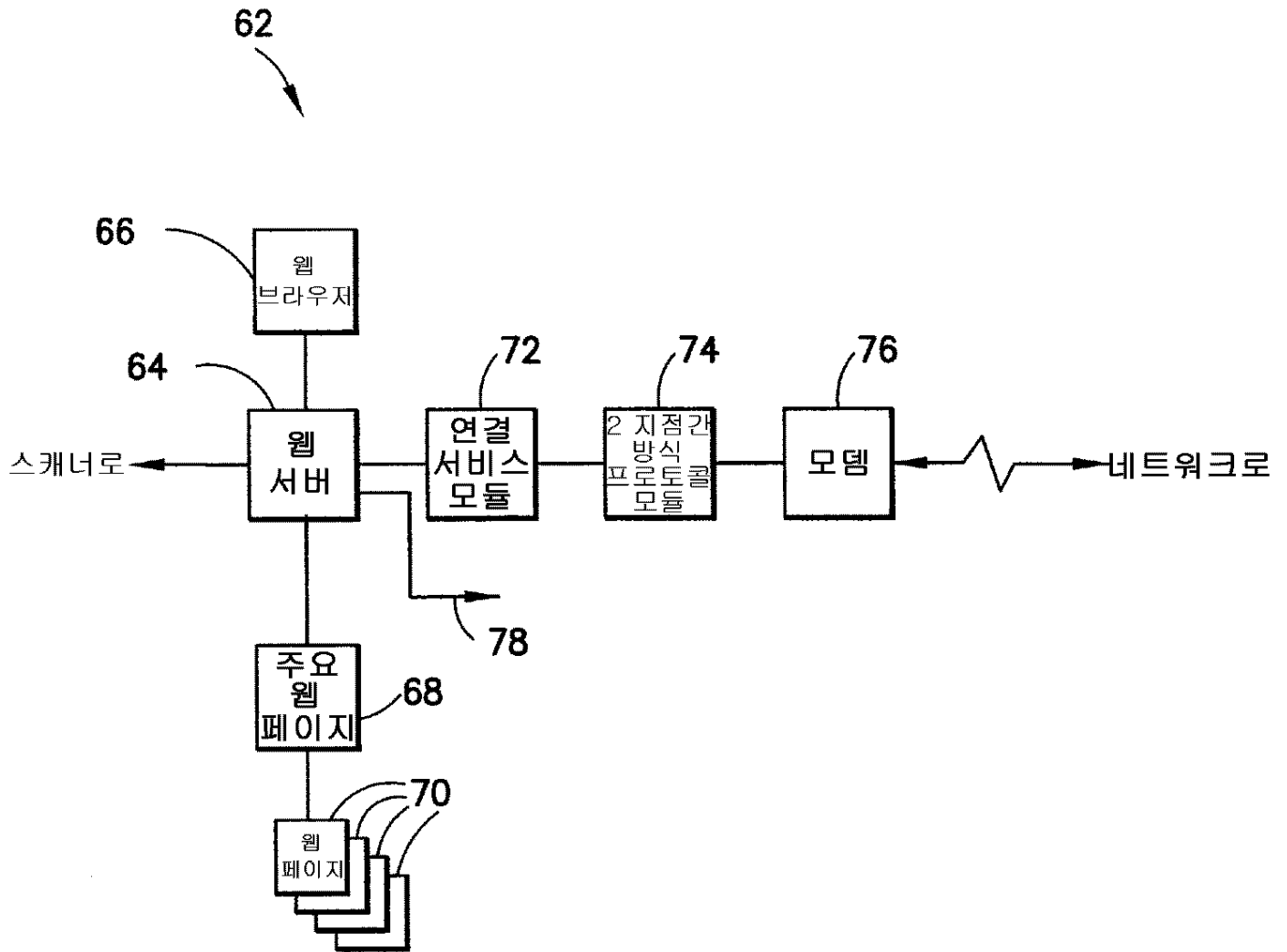
5



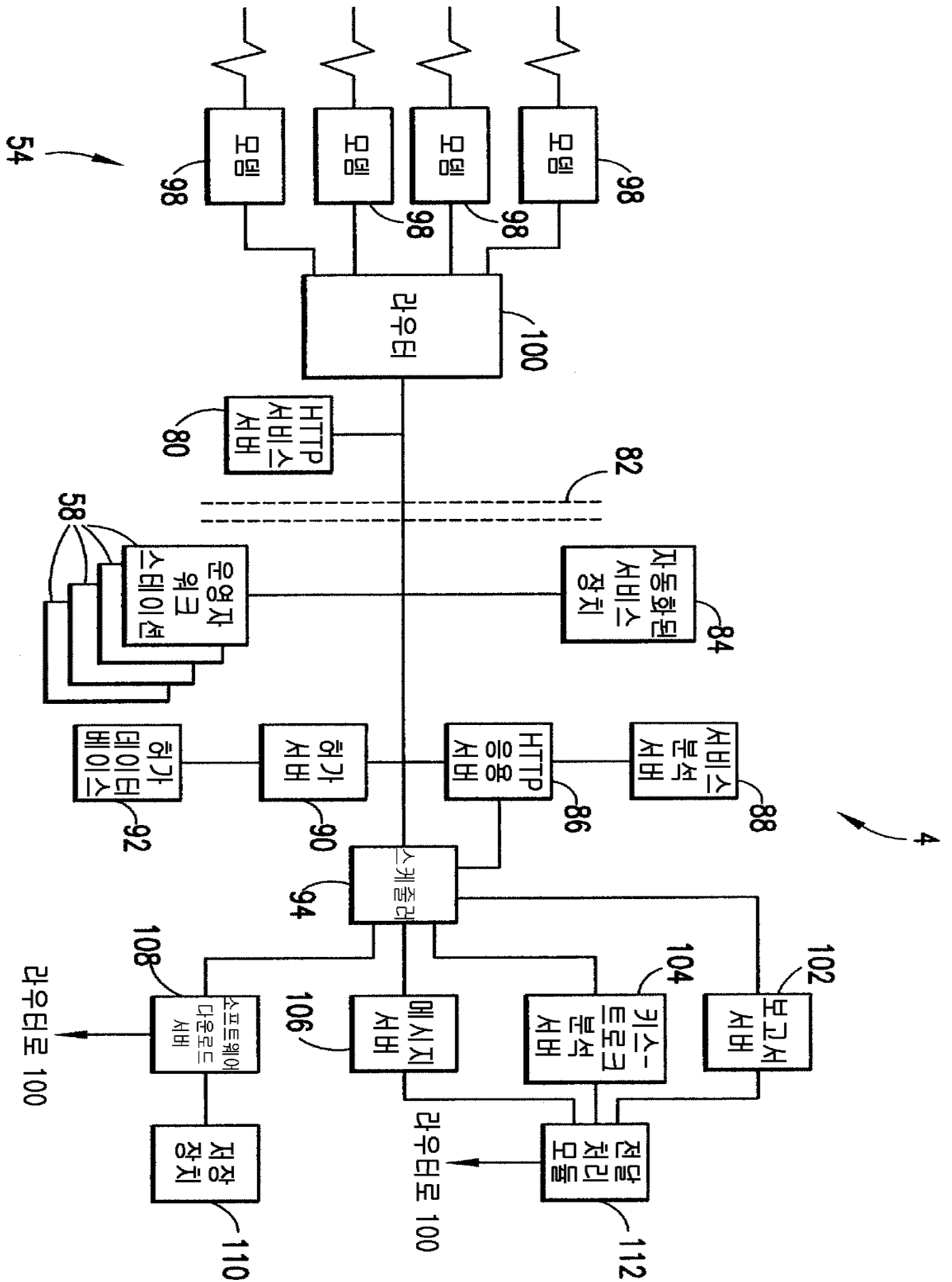
6



7



8



专利名称(译)	超声成像系统使用分析方法和系统		
公开(公告)号	KR1020010062847A	公开(公告)日	2001-07-07
申请号	KR1020000086766	申请日	2000-12-30
申请(专利权)人(译)	지이메디컬시스템즈글로벌테크놀로지컴파니엘엘씨		
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摘要(译)

本发明涉及获取用于超声检查的收集的非成像数据的方法和系统，以报告超声部门的性能特性并进行分析。每当调谐关于此的超声波成像系统时，跟踪用户击键。这是通过使用该数据进行采集后的部门结果分析从超声系统获得的关键笔划数据。超声系统用户按下按钮，并且在操作员界面上的菜单中选择项目而不是检查。该击键引起超声波成像系统上的功能或操作者参数被交换。类似地，表示击键的代码存储在电子存储介质中。此外，使用此代码存储受控数据，时间和值。随后，分析超声波成像系统的使用，但是可以使用电子存储介质中的数据。

