Product End-of-Life Disassembly Instructions

Product Category: Networking Equipment
Marketing Name / Model [List multiple models if applicable.]
HP 12504 Switch （JC655A）

Purpose: The document is intended for use by end-of-life recyclers or treatment facilities. It provides the basic instructions for the disassembly of HP products to remove components and materials requiring selective treatment, as defined by EU directive 2002/96/EC, Waste Electrical and Electronic Equipment (WEEE).

1.0 Items Requiring Selective Treatment

1.1 Items listed below are classified as requiring selective treatment.
1.2 Enter the quantity of items contained within the product which require selective treatment in the right column, as applicable.

Item Description	Notes	Quantity of items included in product
Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)	With a surface greater than 10 sq cm	17
Batteries	All types including standard alkaline and lithium coin or button style batteries	1
Mercury-containing components	For example, mercury in lamps, display backlights, scanner lamps, switches, batteries	0
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm	Includes background illuminated displays with gas discharge lamps	0
Cathode Ray Tubes (CRT)		0
Capacitors / condensers (Containing PCB/PCT)		0
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		8
External electrical cables and cords		6
Gas Discharge Lamps		0
Plastics containing Brominated Flame Retardants weighing > 25 grams (not including PCBs or PCAs already listed as a separate item above)		6
Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner	Include the cartridges, print heads, tubes, vent chambers, and service stations.	0
Components and waste containing asbestos		0

PSG instructions for this template are available at EL-MF877-01

Components, parts and materials containing refractory ceramic fibers		0
Components, parts and materials containing radioactive substances		0

2.0 Tools Required

List the type and size of the tools that would typically be used to disassemble the product to a point where components and materials requiring selective treatment can be removed.

Tool Description	Tool Size (if applicable)
Phillips Screwdriver	2#
Phillips Screwdriver	1#
Flathead Screwdriver	
Screwdriver for outside hexagon screws/nuts	
Diagonal Pliers	

3.0 Product Disassembly Process

3.1 List the basic steps that should typically be followed to remove components and materials requiring selective treatment:

1. Unscrew the screws on mounting angle 2, and then remove mounting angle 2 from the chassis.
2. Unscrew the screws on front panel 3, and then remove front panel 3 from the chassis.
3. Unscrew the screws on front panel 4, and then remove front panel 4 from the chassis.
4. Unscrew the screws on front panel 5, and then remove front panel 5 from the chassis.
5. Unscrew the screws on front panel 6, and then remove front panel 6 from the chassis.
6. Unscrew the screws on plastic panel 7, and then remove plastic panel 7 from the chassis.
7. Unscrew the screws on PEM 18, and then remove PEM 18 from the chassis..
8. Unscrew the screws on rubber block 9, total 4 PCS and remove rubber block 9 from the chassis.
9. Remove film 10 from the chassis.
10. Remove film 11 from the chassis.
11. Unscrew the screws on fan tray 12, and then remove fan tray 12 from the chassis.
12. Remove PSU 13 from the chassis.
13. Unscrew the screws on PMU 14, and then remove PMU 14 from the chassis.
14. Unscrew the screws on wring block cover 17, and then remove wring block cover 17 from the chassis.
15. Unscrew the screws on wring block panel 18, and then remove wring block panel 18 from the chassis.
16. Unscrew the screws on panel 15, and then remove panel 15 from the chassis.
17. Unscrew the screws on panel 20, and then remove panel 20 from the chassis.
18. Unscrew the screws on panel 22, and then remove panel 22 from the chassis.
19. Unscrew the screws on rear cover 19, and then remove rear cover 19 from the chassis.
20. Unscrew the screws on rear cover 21, and then remove rear cover 21 from the chassis.
21. Unscrew the screws on panel 23, and then remove panel 23 from the chassis.
22. Unscrew the screws on panel 24, and then remove panel 24 from the chassis.
23. Unscrew the screws on part 26, and then remove part 26 from the chassis.
24. Remover all of the inner cables from the chassis.
25. Unscrew the screws on backboard 25, and then remove backboard 25 from the chassis.
26. Unscrew the screws on power shelf 16, and then remove power shelf 16 from the chassis.
27. Remover all of the EMI fingers from the chassis.
28. Unscrew the screws on PCB 3-1, and then remove PCB 3-1 from the front panel 3.
29. Unscrew the screws on PCB 3-2, and then remove PCB 3-2 from the front panel 3.
30. Unscrew the screws on PCB 3-3, and then remove PCB 3-3 from the front panel 3.
31. Remove hole plugs 3-4 from the front panel 3.
32. Remove film 3-5 from the front panel 3.
33. Remove EMI finger 3-6 from the front panel 3.

34. Unscrew the screws on PCB 4-1, and then remove PCB 4-1 from the front panel 4.
35. Unscrew the screws on PCB 4-2, and then remove PCB 4-2 from the front panel 4.
36. Unscrew the screws on part 4-3, and then remove part 4-3 from the front panel 4.
37. Unscrew the screws on PCB 4-4, and then remove PCB 4-4 from the front panel 4.
38. Remove film 4-5 from the front panel 4.
39. Remove EMI finger 4-6 from the front panel 4.
40. Remove film 5-1 from the front panel 5.
41. Remove EMI finger 5-2 from the front panel 5.
42. Unscrew the screws on hinges 7-1, and then remove hinges 7-1 from the plastic panel 7.
43. Unscrew the captive screws on air filter 7-2, and then remove air filter 7-2 from the plastic panel 7.
44. Unscrew the screws on panel 7-3, and then remove panel 7-3 from the plastic panel 7.
45. Unscrew the screws on part 2-1, and then remove part 2-1 from the mounting angle 2.
46. Unscrew the screws on part 14-1, and then remove part 14-1 from PMU 14.
47. Remover the inner cable from PMU 14.
48. Unscrew the screws on PCB 14-2, and then remove PCB 14-2 from PMU 14.
49. Remove part 14-3 from PMU 14.
50. Remove film 14-4 from PMU 14.
51. Unscrew the screws on protection cover 12-1, and then remove protection cover 12-1 from the fan tray 12.
52. Unscrew the screws on fan 12-2, and then remove fan 12-2 from the fan tray 12.
53. Unscrew the screws on PCB 12-3, and then remove PCB 12-3 from the fan tray 12.
54. 56. Remove EMI finger 12-4 from the fan tray 12.
55. Remove film 12-5 from the fan tray 12.
56. Unscrew the screws on PCB 20-1, and then remove PCB 20-1 from the panel 20.
57. Remove film 20-2 from the panel 20.
58. Remove EMI finger 20-3 from the panel 20.
59. Remove film 22-1 from the panel 22.
60. Remove EMI finger 22-2 from the panel 22.
61. Unscrew the screws on top cover 16-1, and then remove top cover 16-1 from the power shelf 16.
62. Remove switch cable from the rocker switch 16-2.
63. Unscrew the screws on cover 16-3, and then remove cover 16-3 from the power shelf 16.
64. Remove the inner DC power cords from the wiring block 16-4.
65. Unscrew the screws on wiring block 16-4, and then remove wiring block 16-4 from the power shelf 16.
66. Unscrew the screws on box 16-5, and then remove box 16-5 from the power shelf 16.
67. Unscrew the screws on rear cover 16-6, and then remove rear cover 16-6 from the power shelf 16.
68. Unscrew the screws on bracket 16-7, and then remove bracket 16-7 from the power shelf 16.
69. Unscrew the screws on PCB 16-8, and then remove PCB 16-8 from the bracket 16-7.
70. Unscrew the screws on conflux plate 16-9, and then remove conflux plate 16-9 from the bracket 16-7.
71. Unscrew the screws on PCB 16-10, and then remove PCB 16-10 from the bracket 16-7.
72. Remove insulation pad 16-11 from the bracket 16-7.
73. Remove rocker switch 16-2 from the power shelf 16.
74. Unscrew the screws on handle 16-12, and then remove handle 16-12 from the power shelf 16.
75. Unscrew the screws on part 16-4-1, and then remove part 16-4-1 from the part 16-4-2.
76. Unscrew the screws on part 16-4-2, and then remove part 16-4-2 from the part 16-4-3.
77. Unscrew the screws on part 16-5-1, and then remove part 16-5-1 from the box 16-5.
78. Unscrew the screws on part 16-5-2, and then remove part 16-5-2 from the box 16-5.
79. Remove film 23-1 from the panel 23.
80. Remover the cable from the panel 24.
81. Remove film 24-1 from the panel 24.
82. Remove EMI finger 24-2 from the panel 24.

3.2 Optional Graphic. If the disassembly process is complex, insert a graphic illustration below to identify the items contained in the product that require selective treatment (with descriptions and arrows identifying locations).

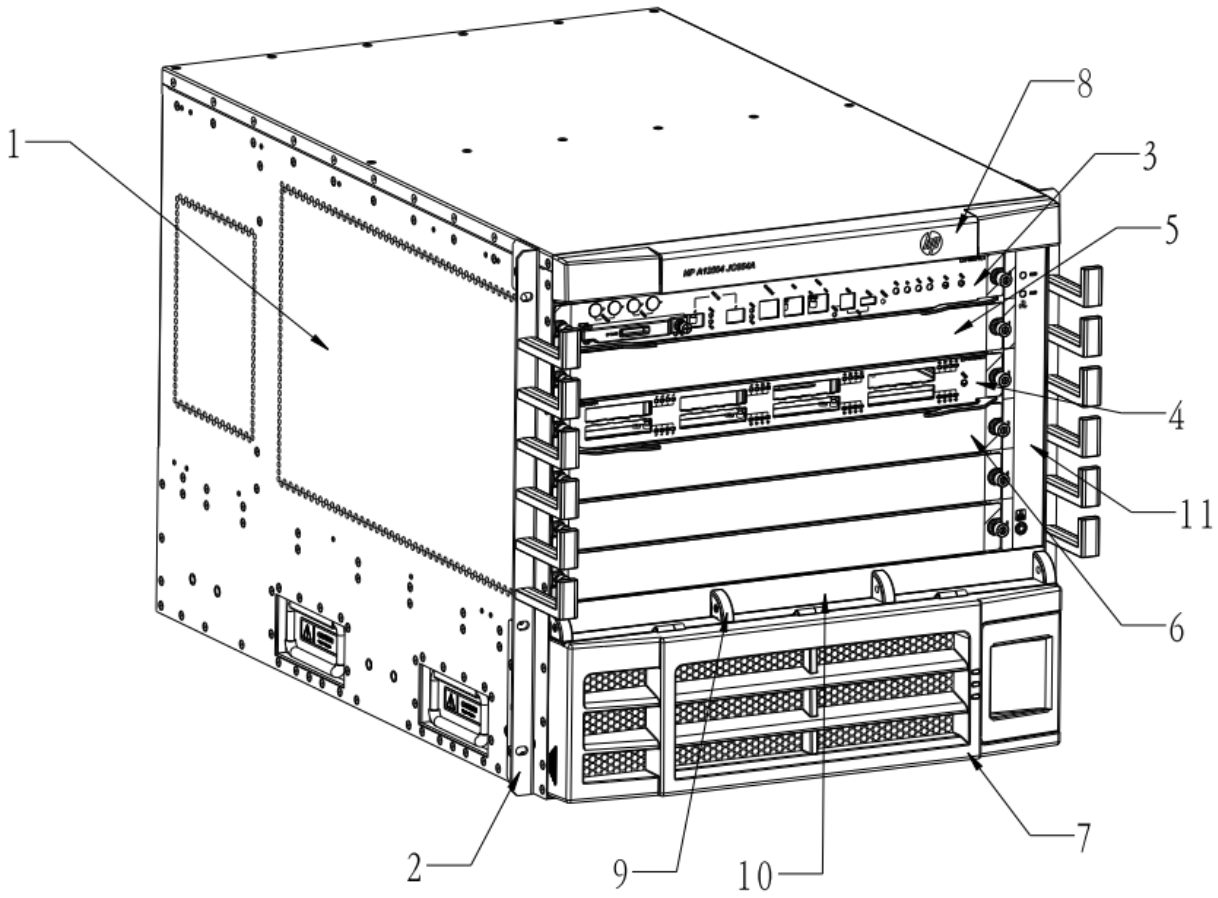

Figure 1 Treatments to the product (front view)

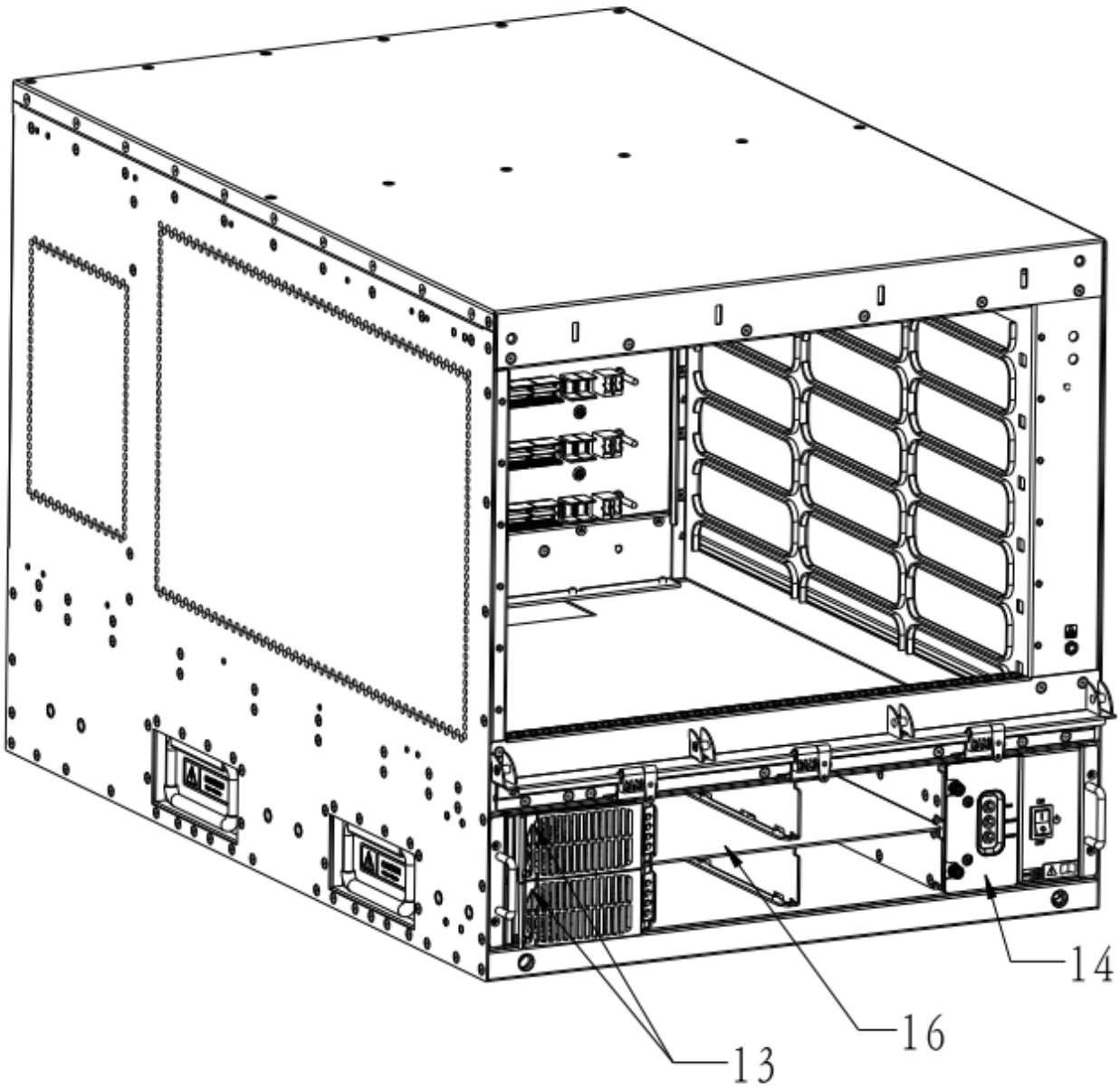

Figure 2 Remove PMU and PSU (front view)

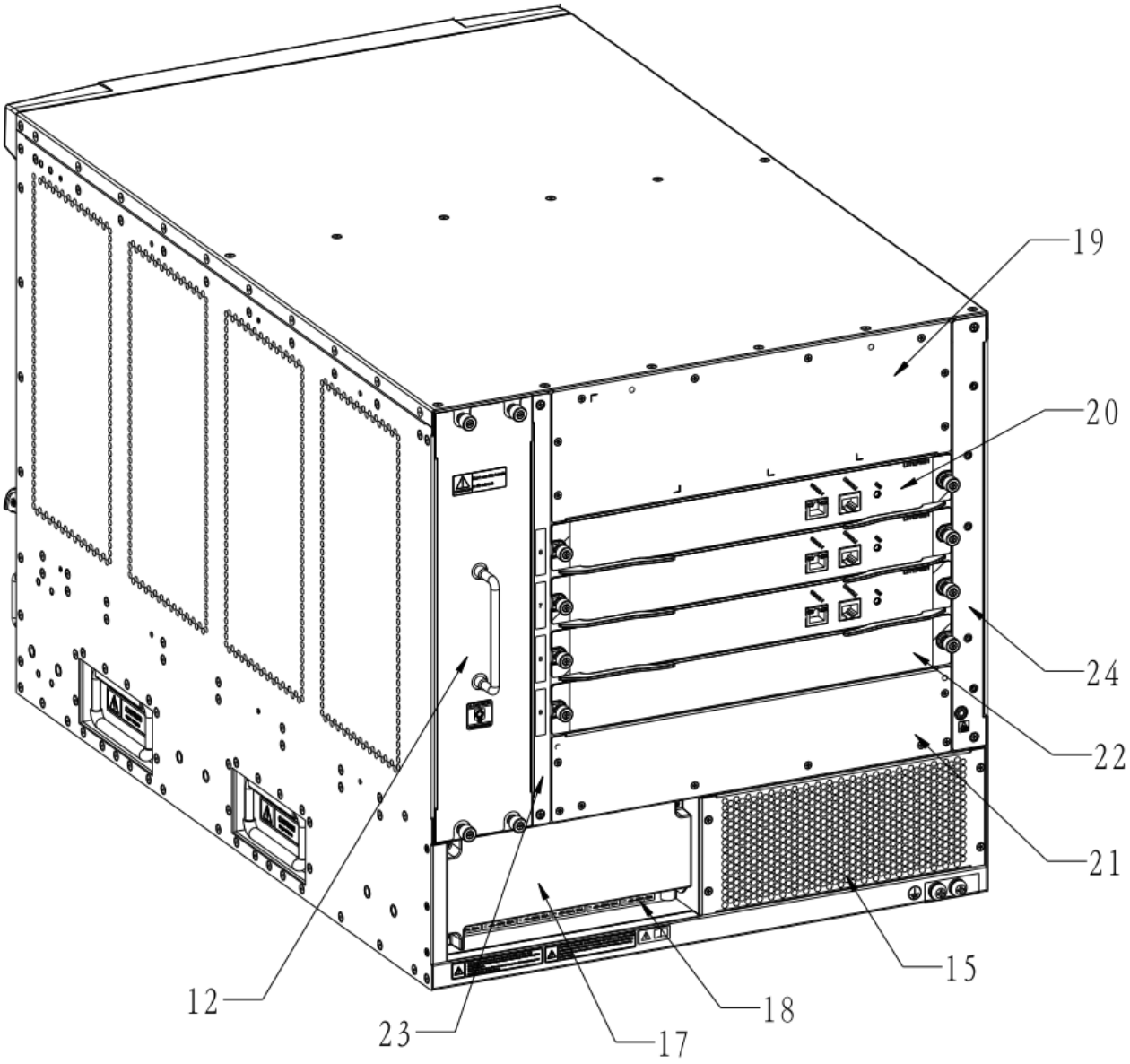

Figure 3 Treatments to the product (rear view)

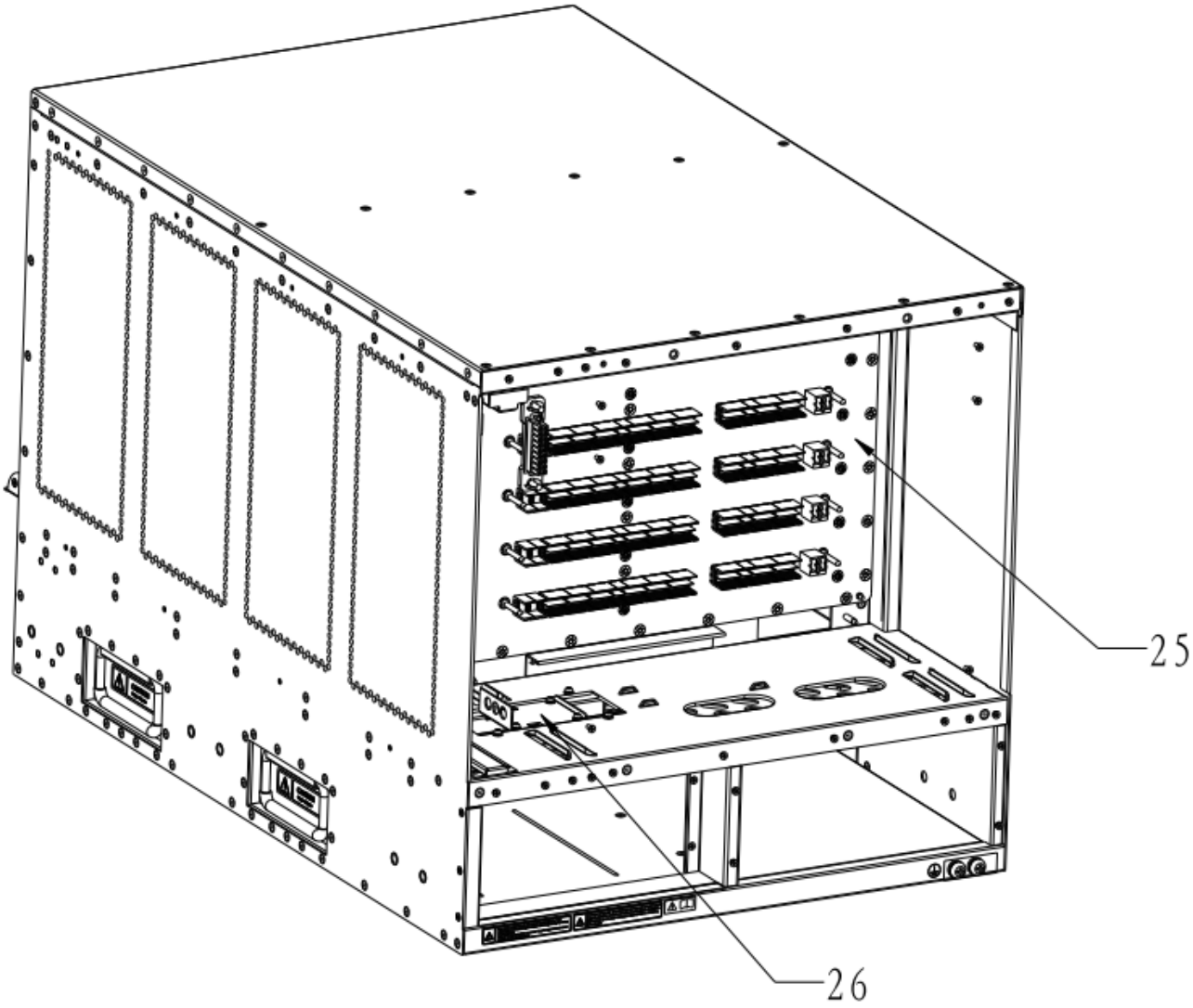

Figure 4 Remove the backboard (rear view)

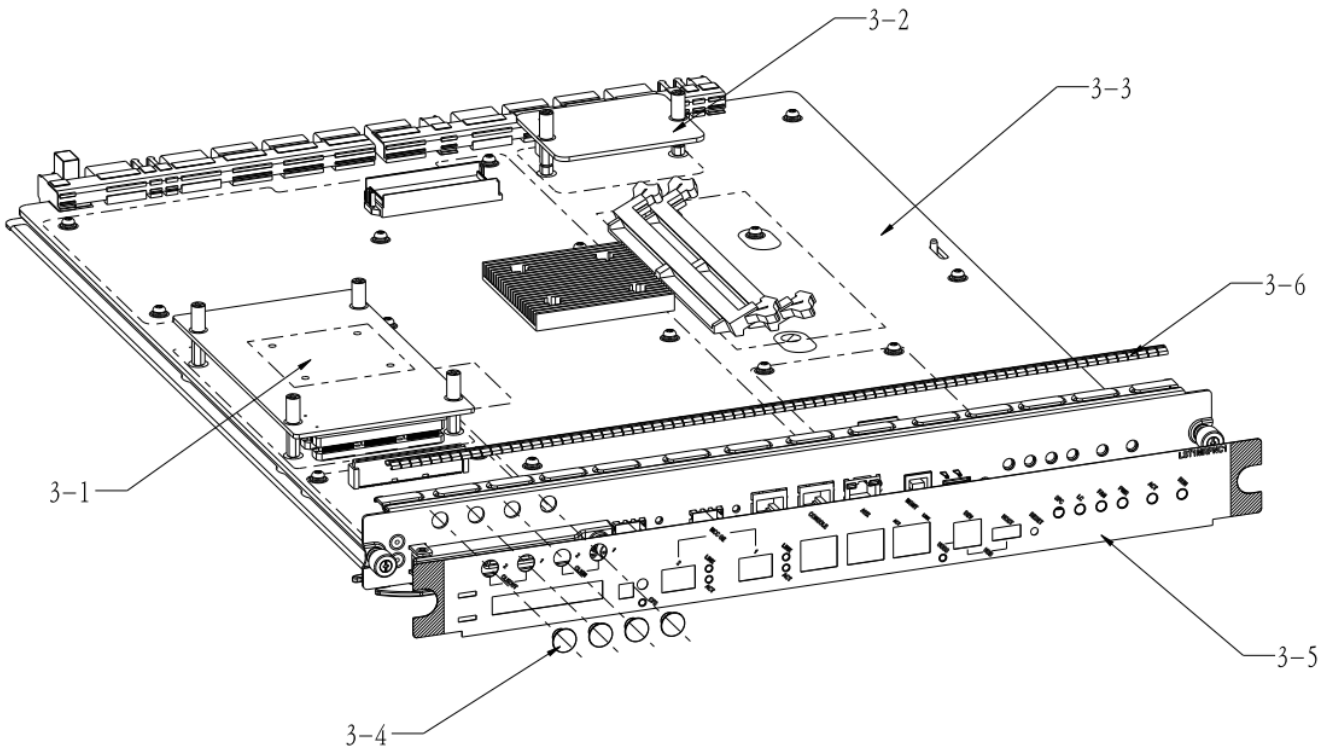

Figure 5 Treatments to front panel 3

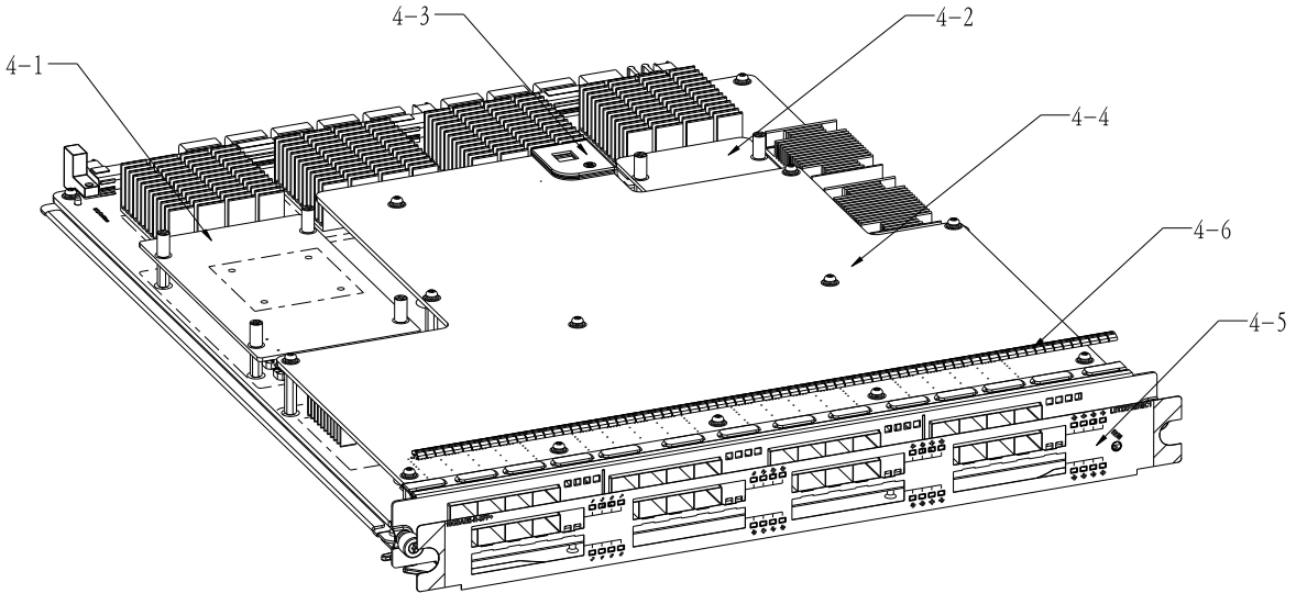

Figure 6 Treatments to front panel 4

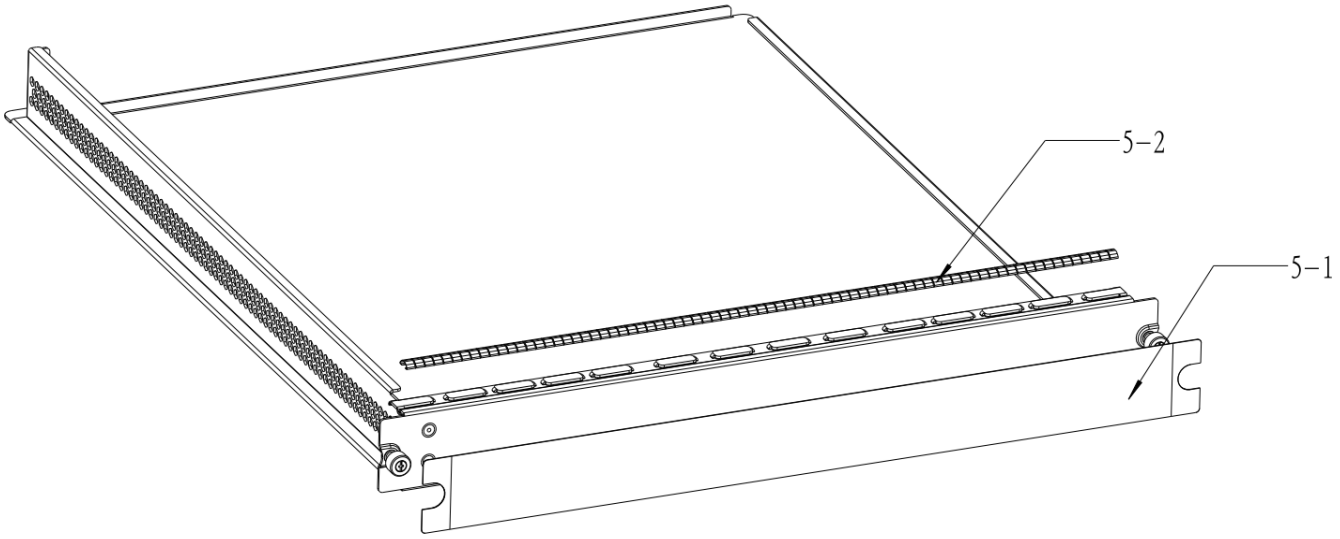

Figure 7 Treatments to front panel 5

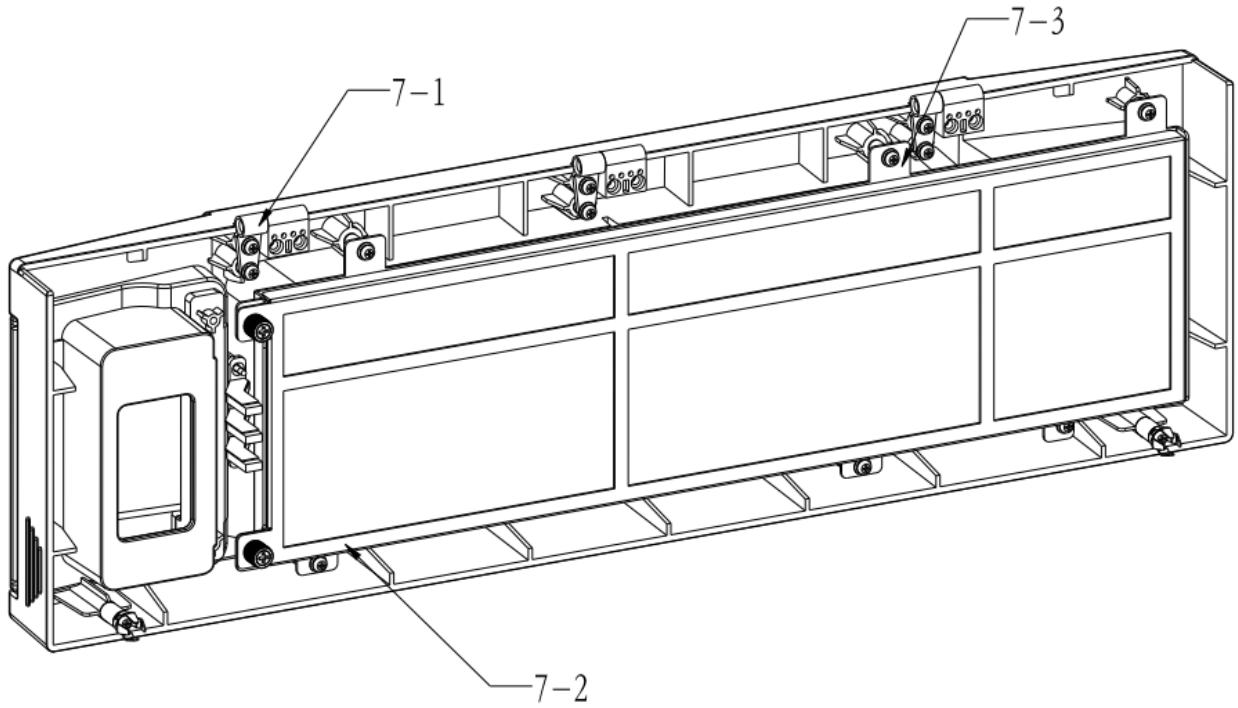

Figure 8 Treatments to plastic panel 7

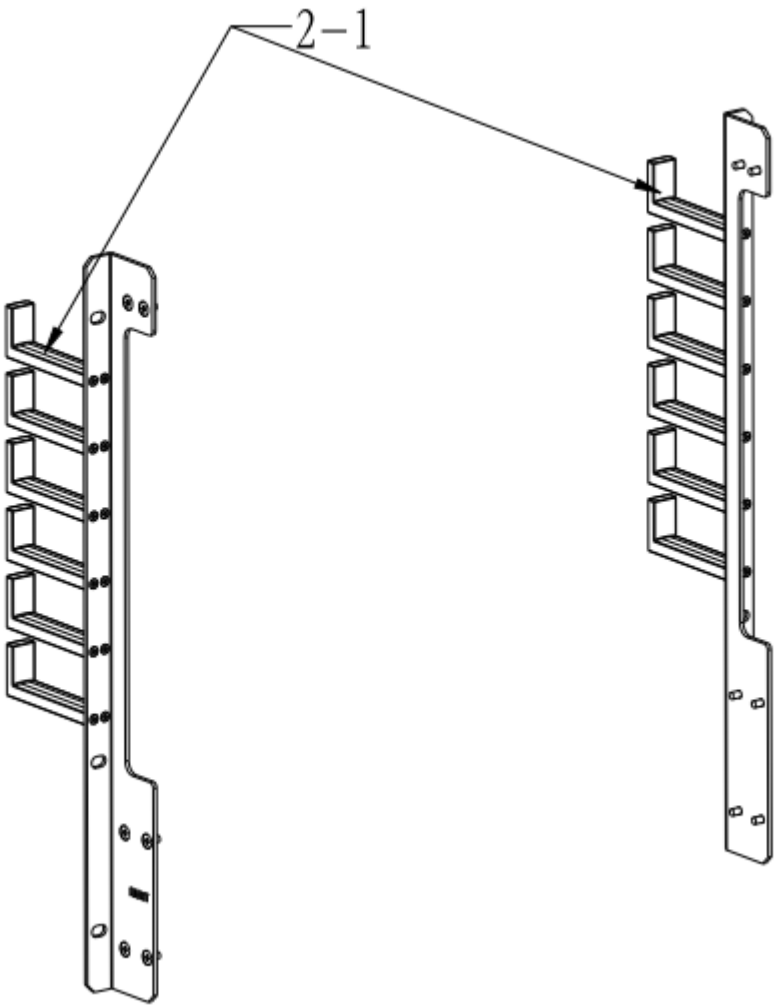

Figure 9 Treatments to mounting angle 2

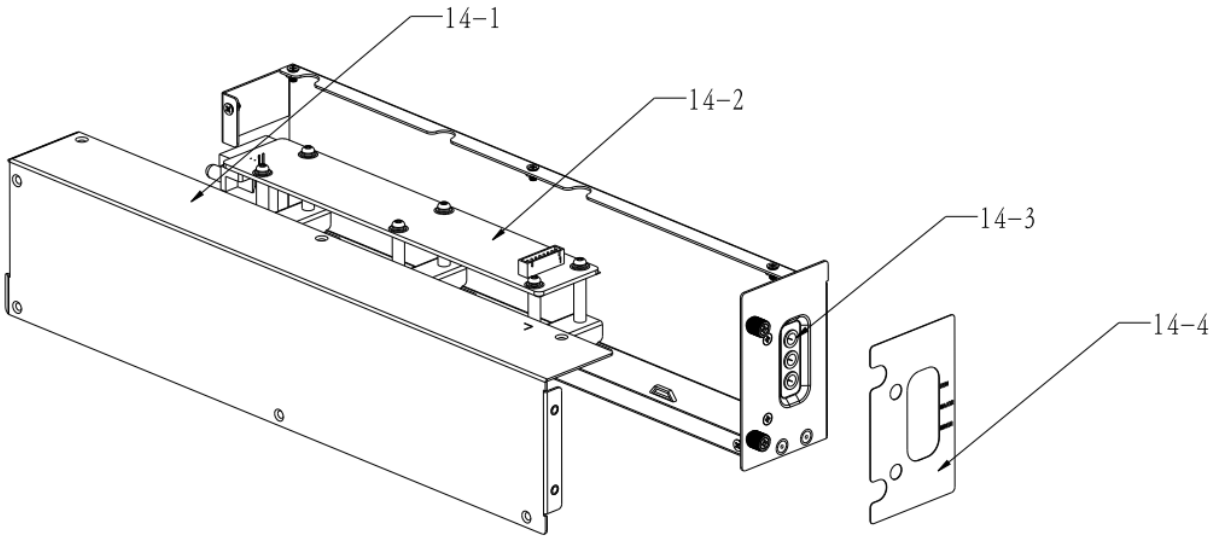

Figure 10 Treatments to PMU 14

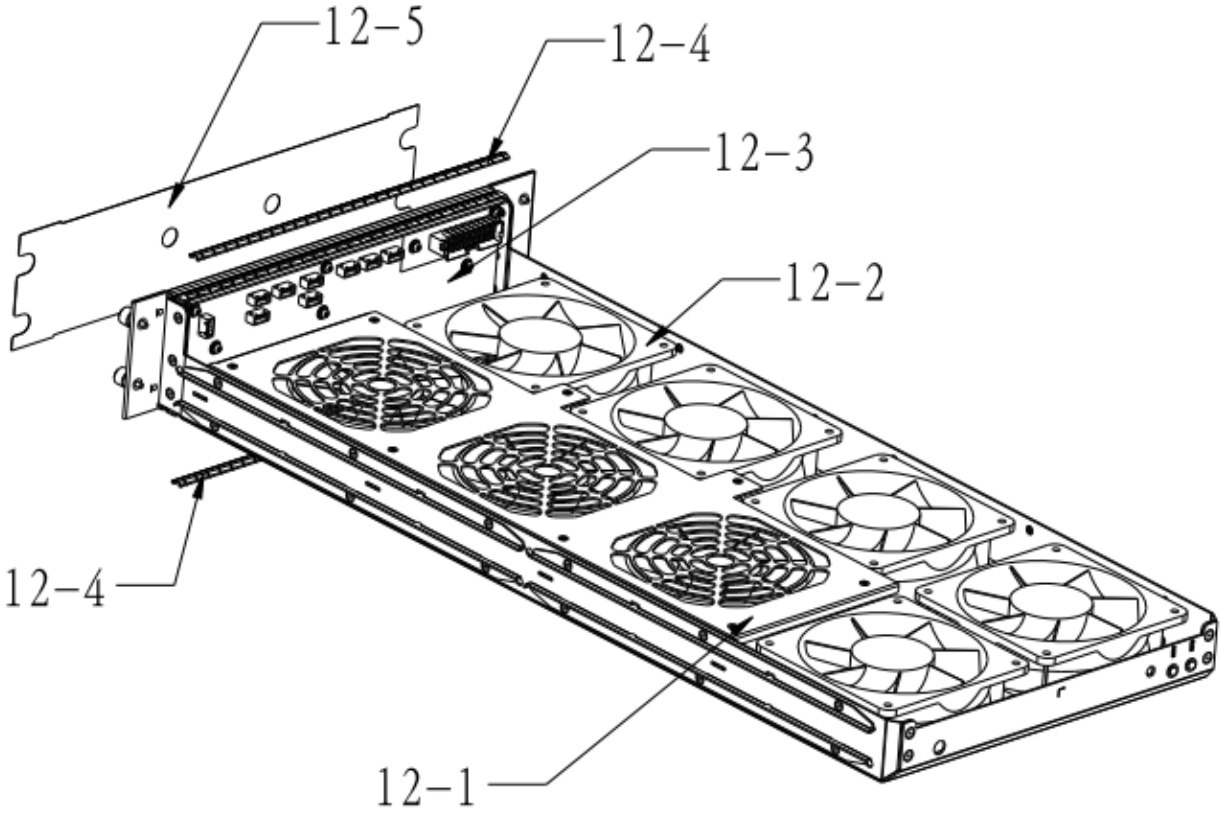

Figure 11 Treatments to Fan Tray 12

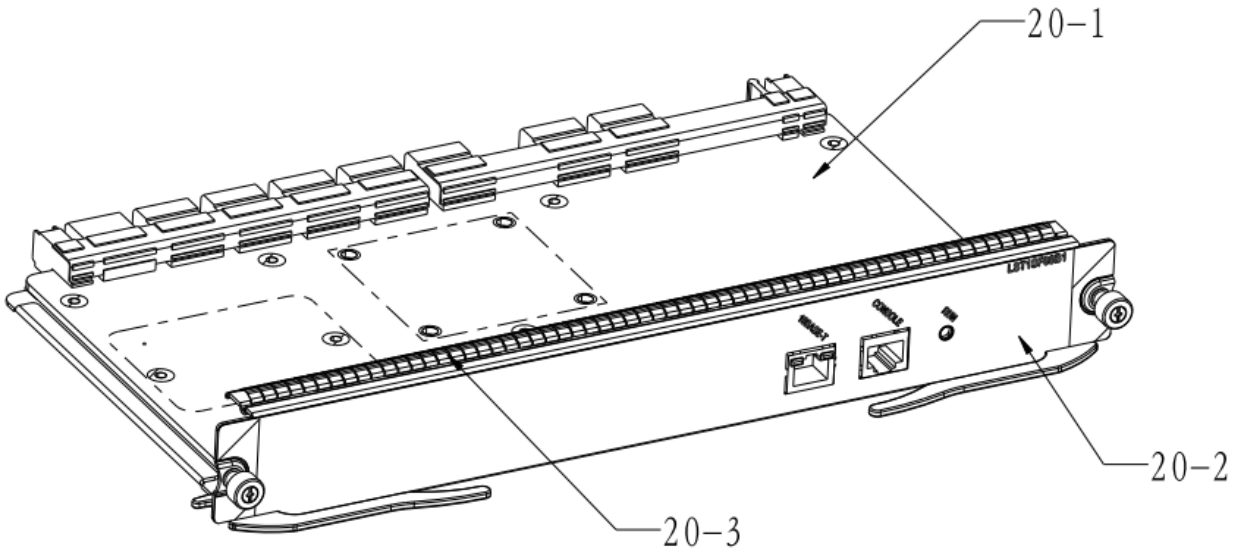

Figure 12 Treatments to panel 20

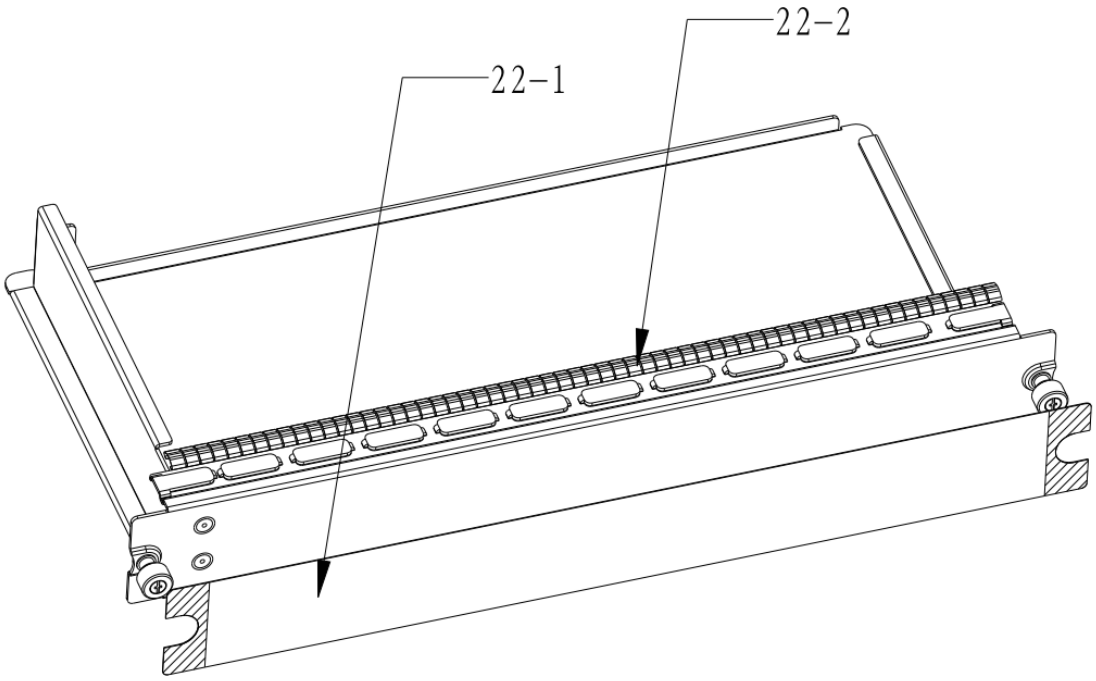

Figure 13 Treatments to panel 22

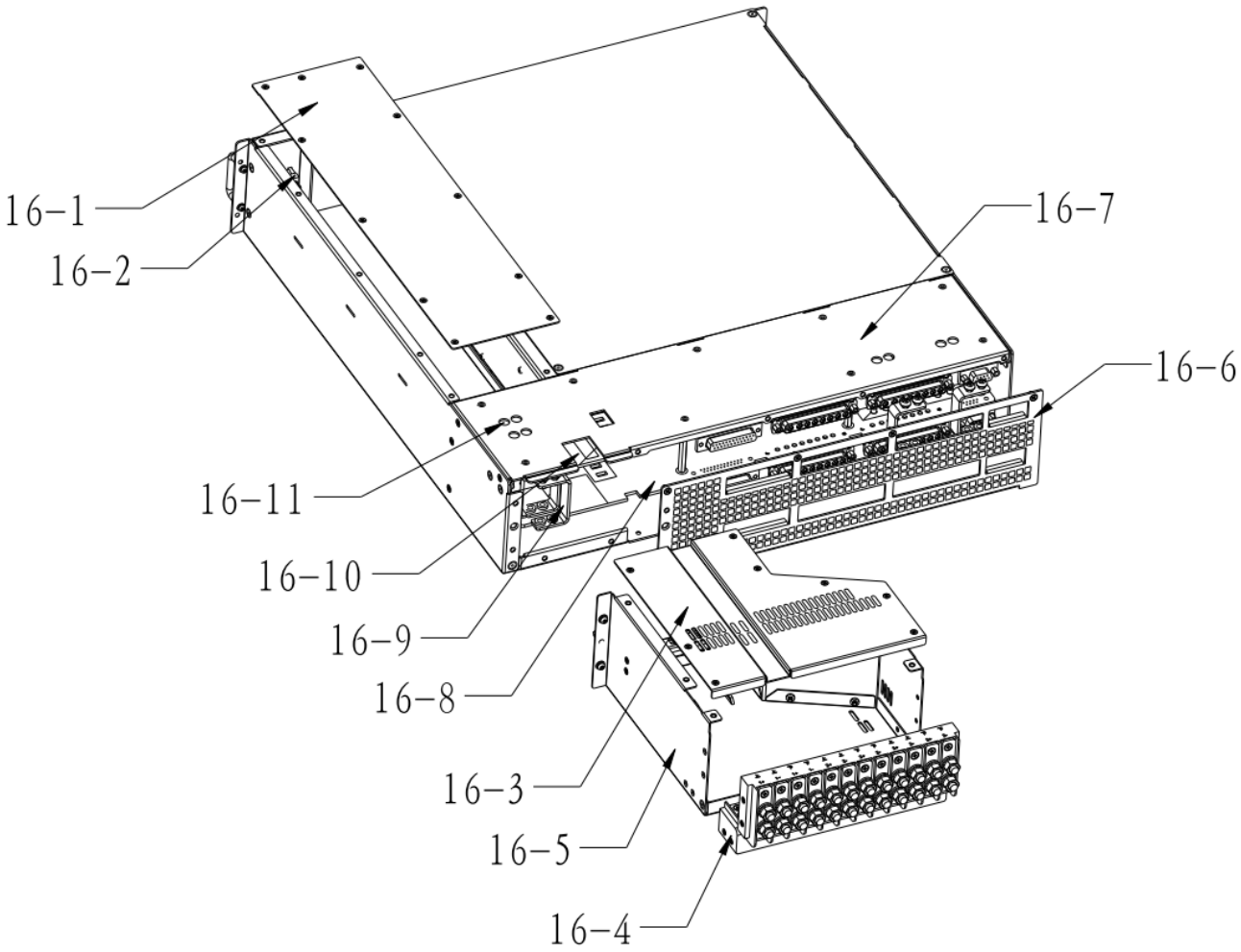

Figure 14 Treatments to power shelf 16 (rear view)

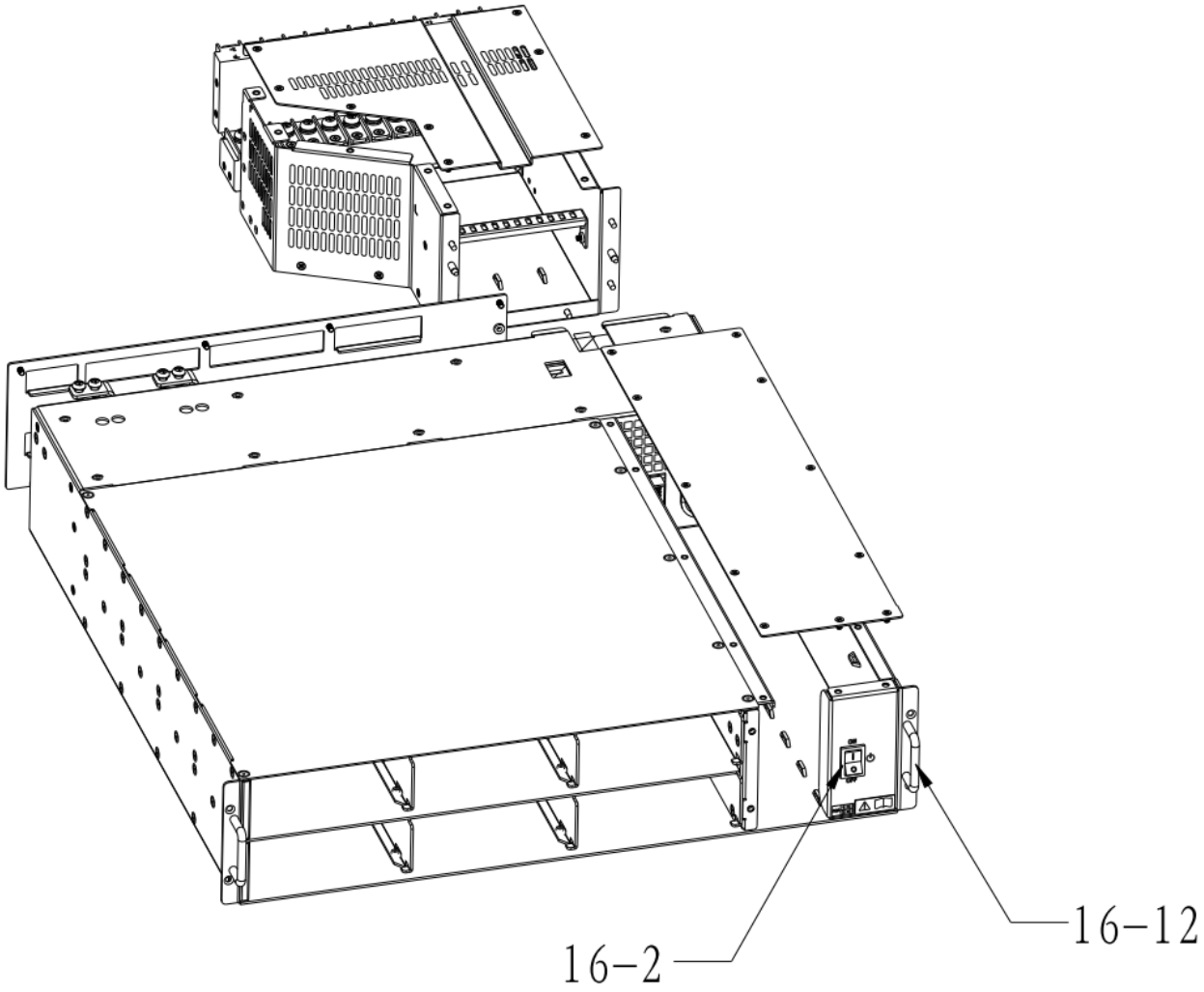

Figure 15 Treatments to power shelf 16 (front view)

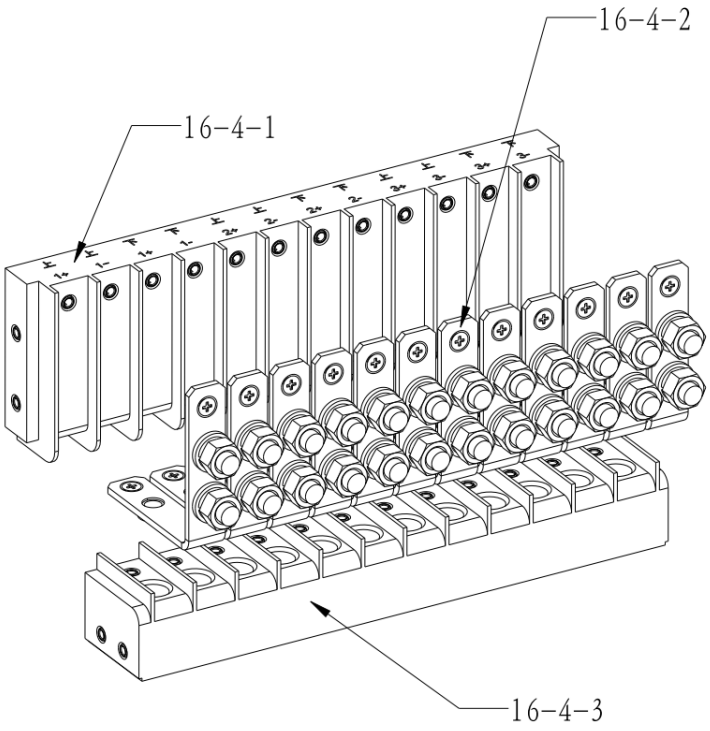

Figure 16 Treatments to wiring block 16-4

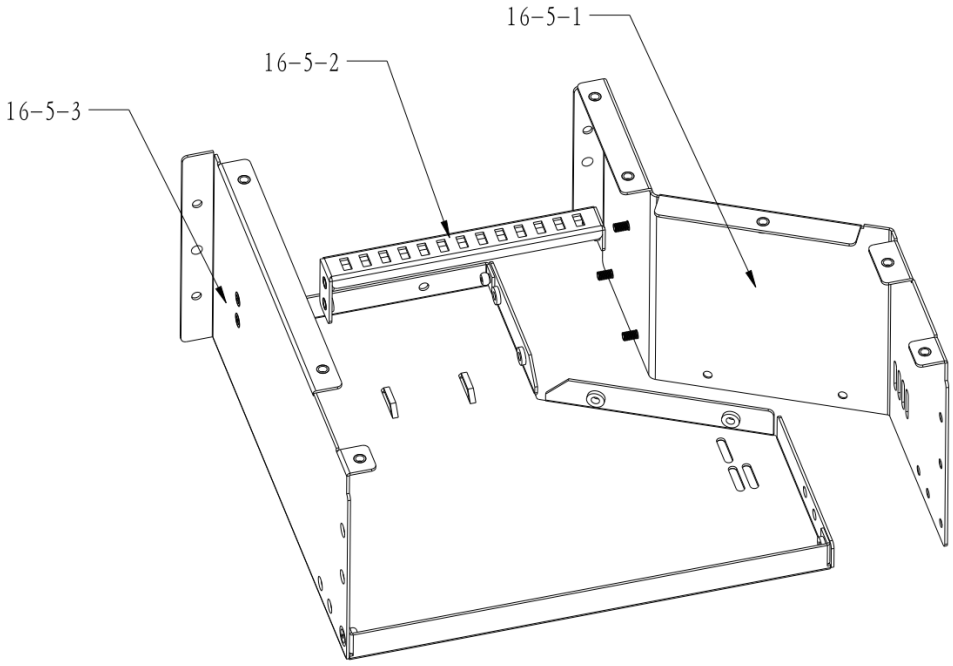

Figure 17 Treatments to box 16-5

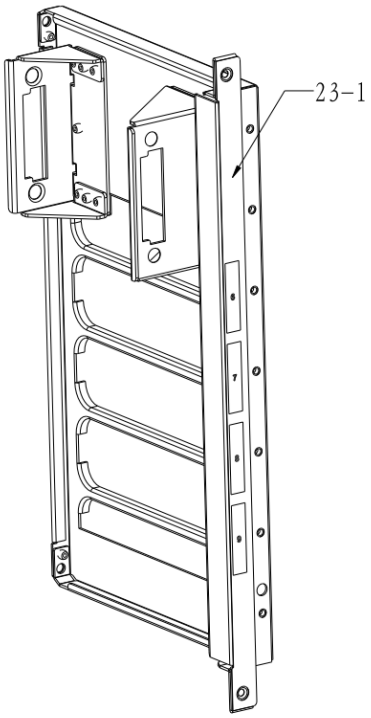

Figure 18 Treatments to panel 23

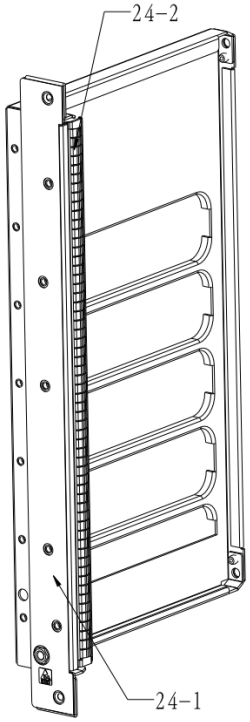

Figure 19 Treatments to panel 24