

Fig. 1

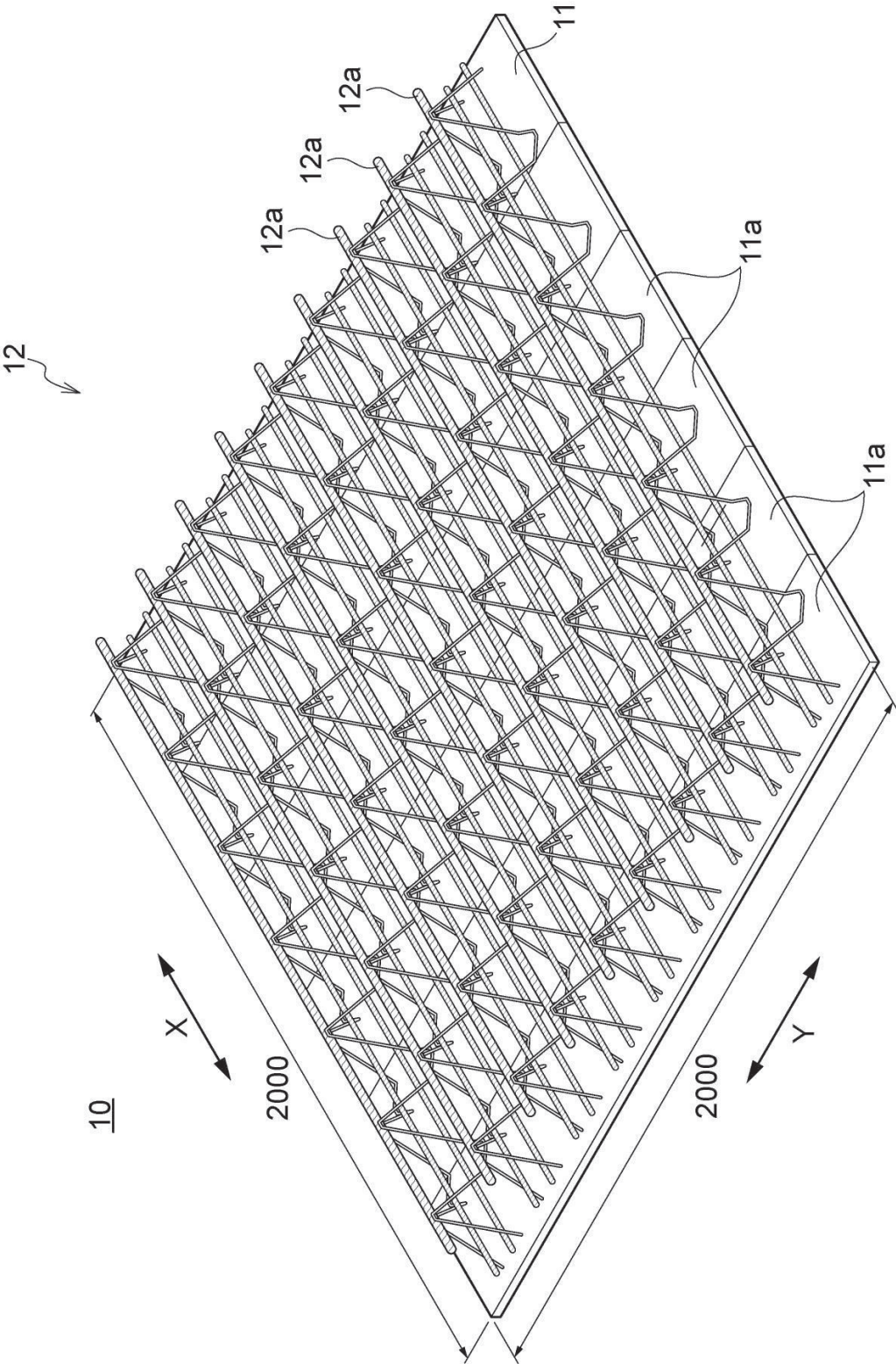


Fig. 2

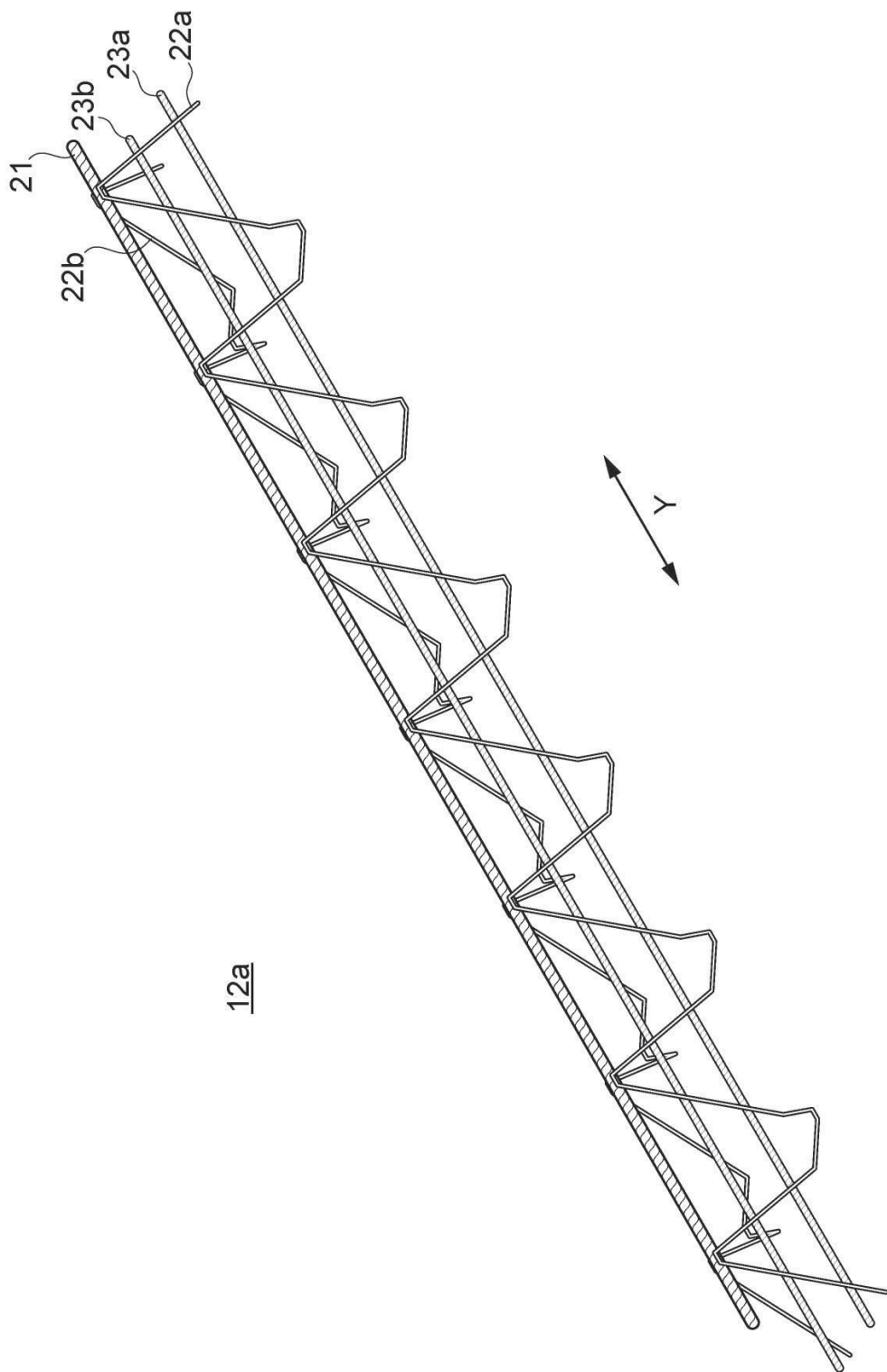


Fig. 3

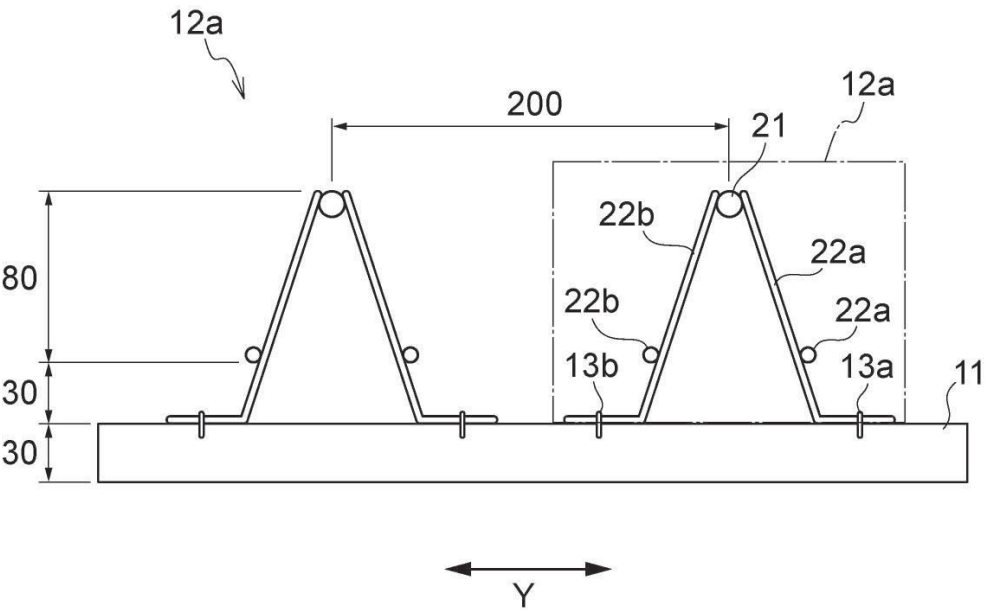


Fig. 4

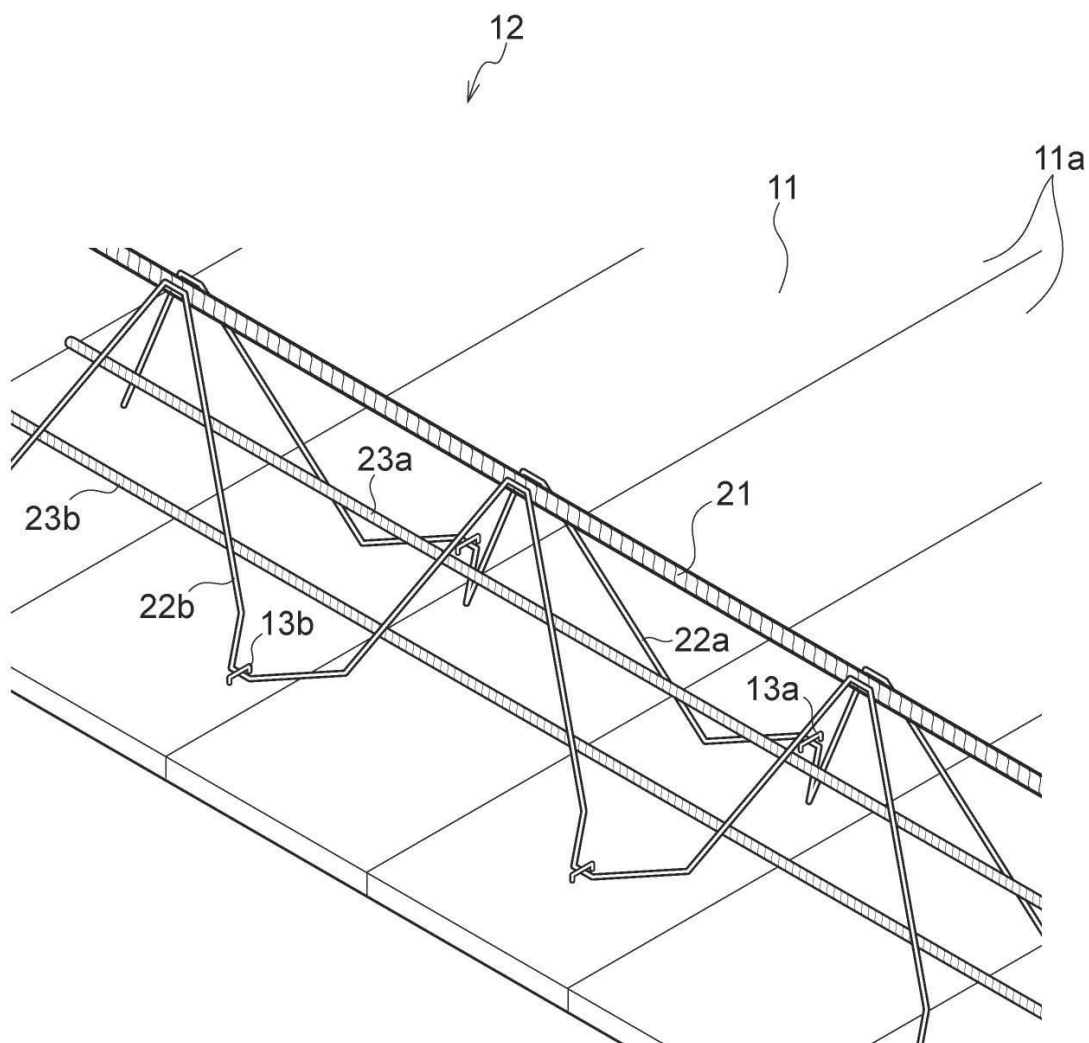


Fig. 5

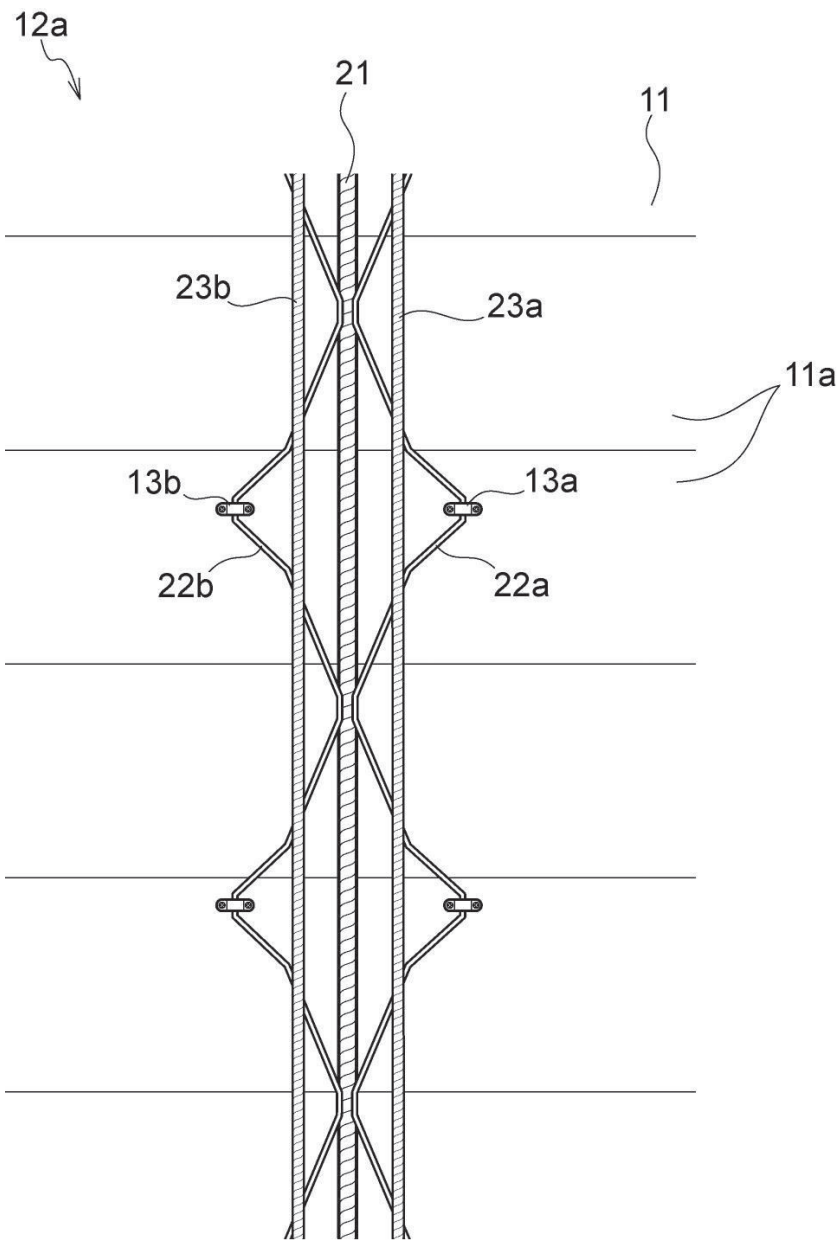


Fig. 6

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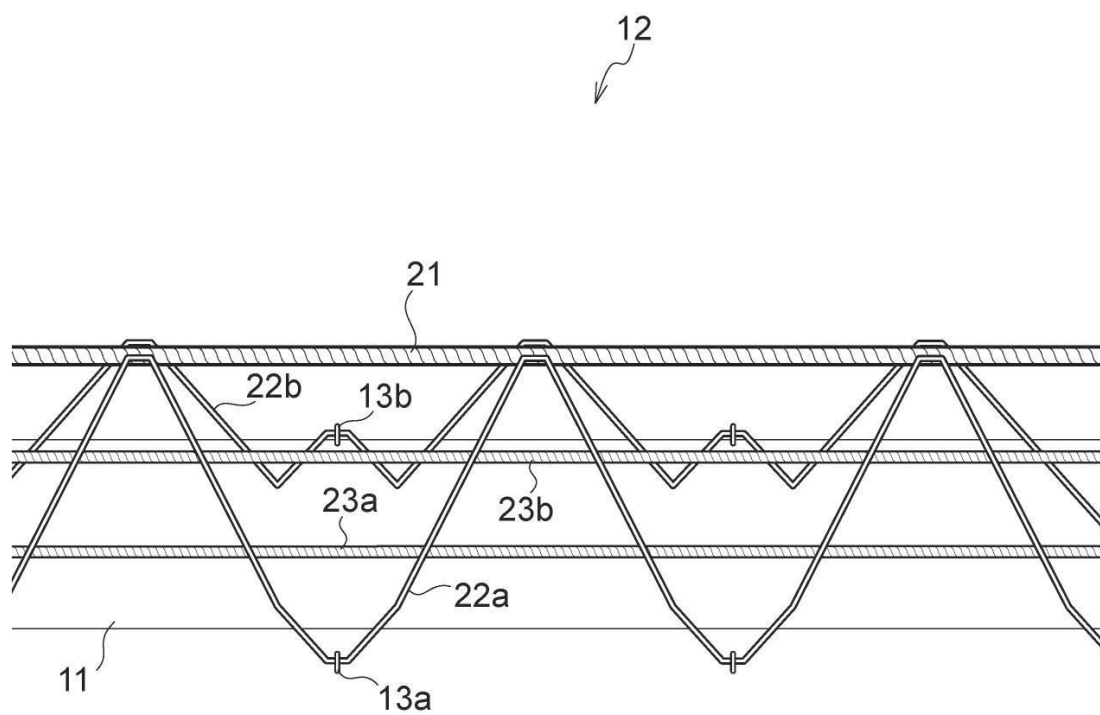


Fig. 7

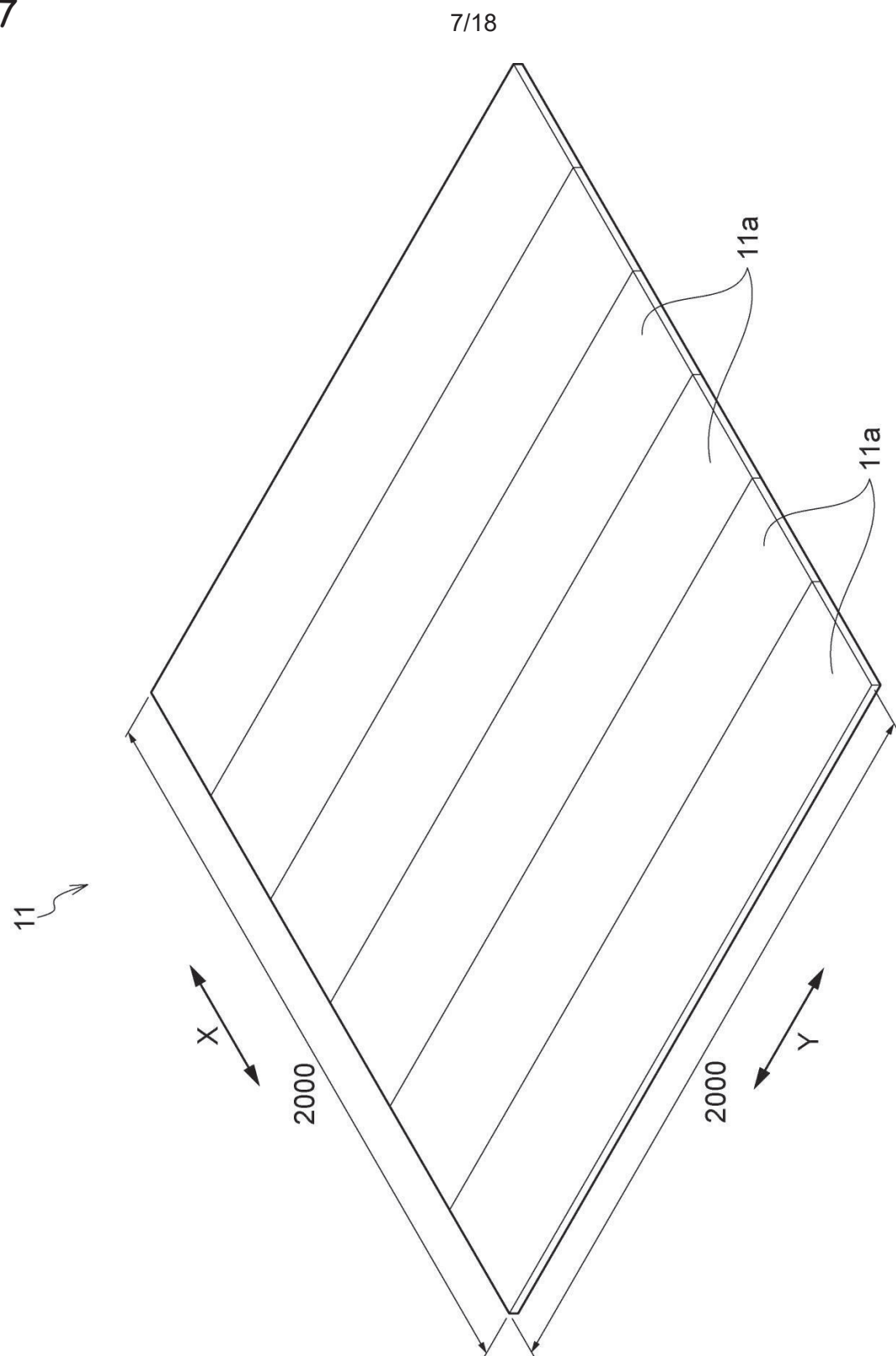


Fig. 8

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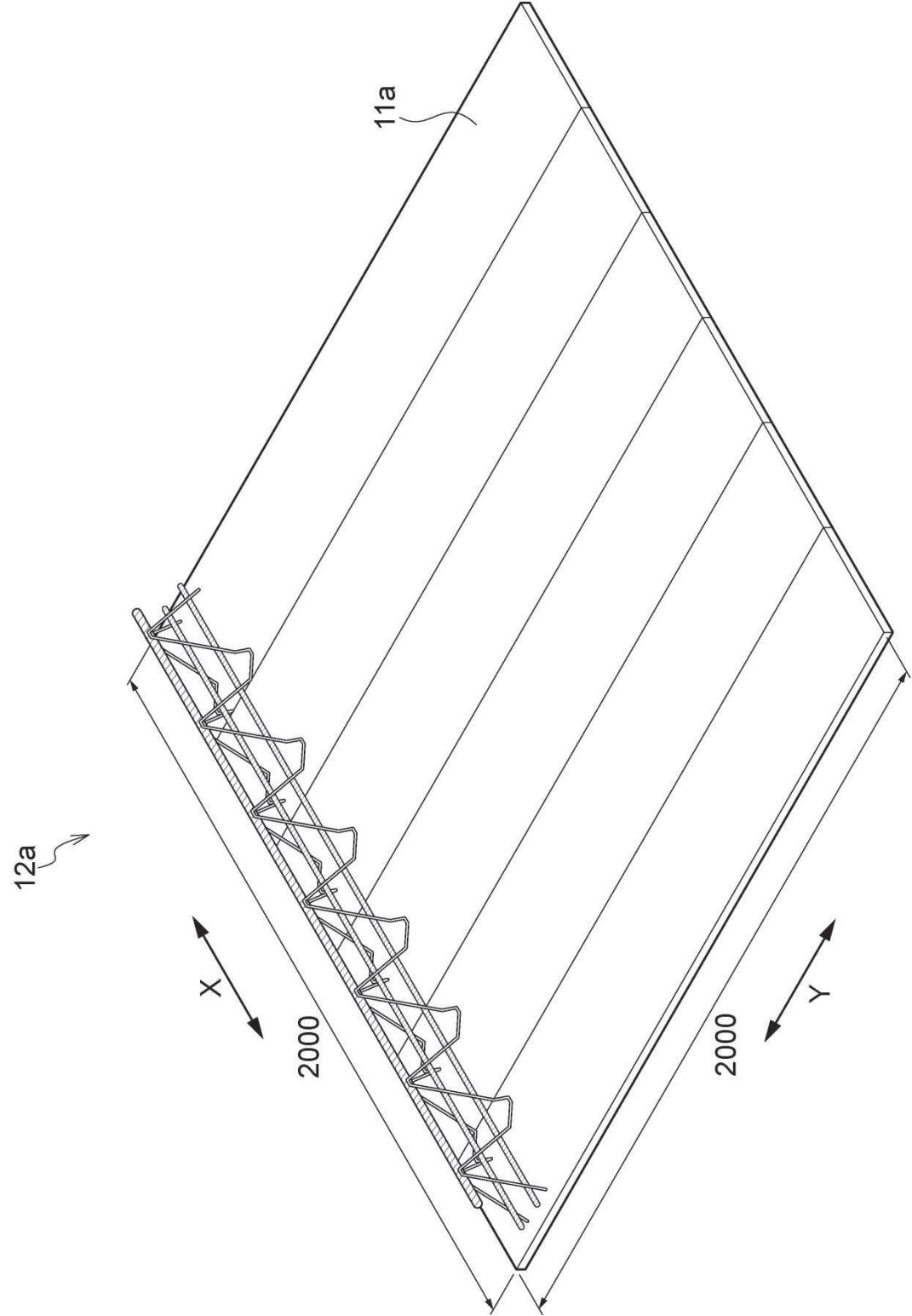


Fig. 9

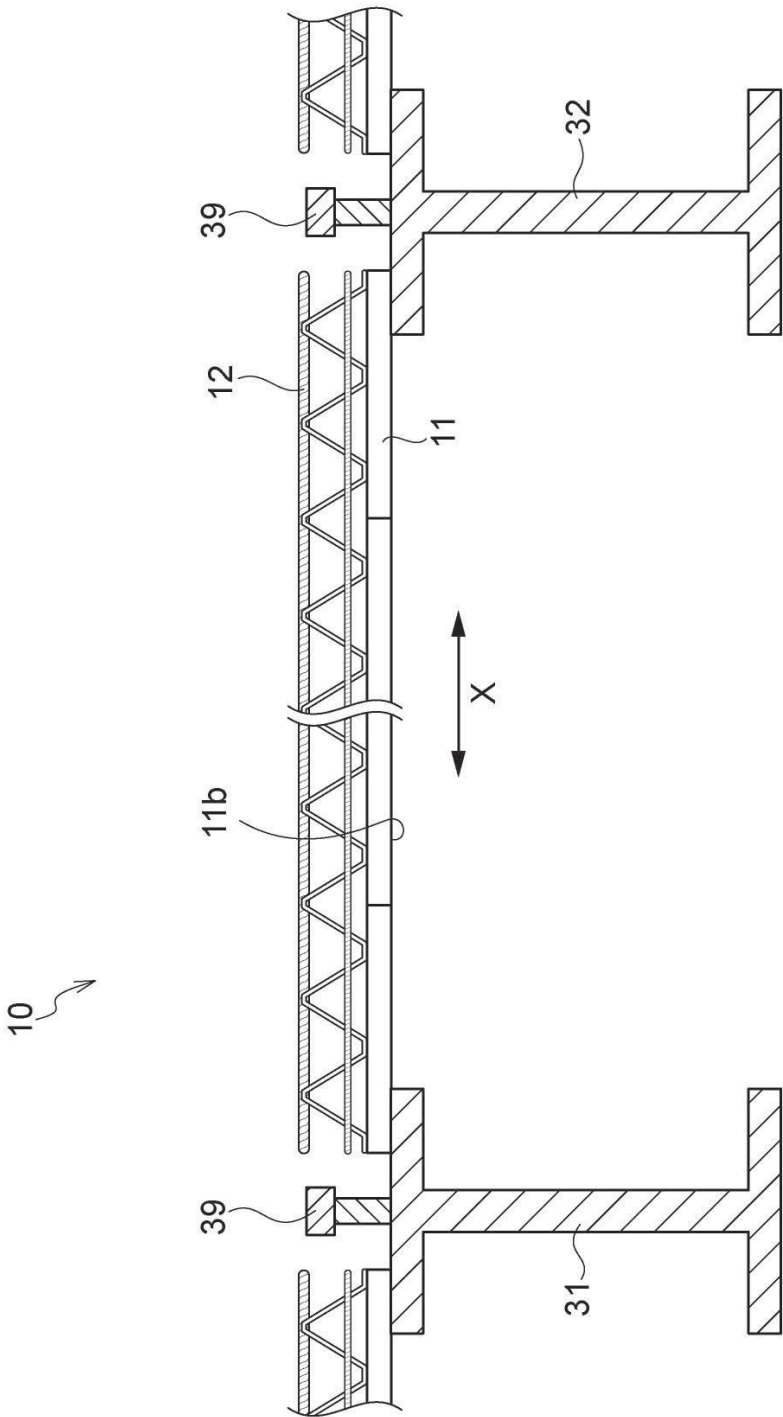


Fig. 10

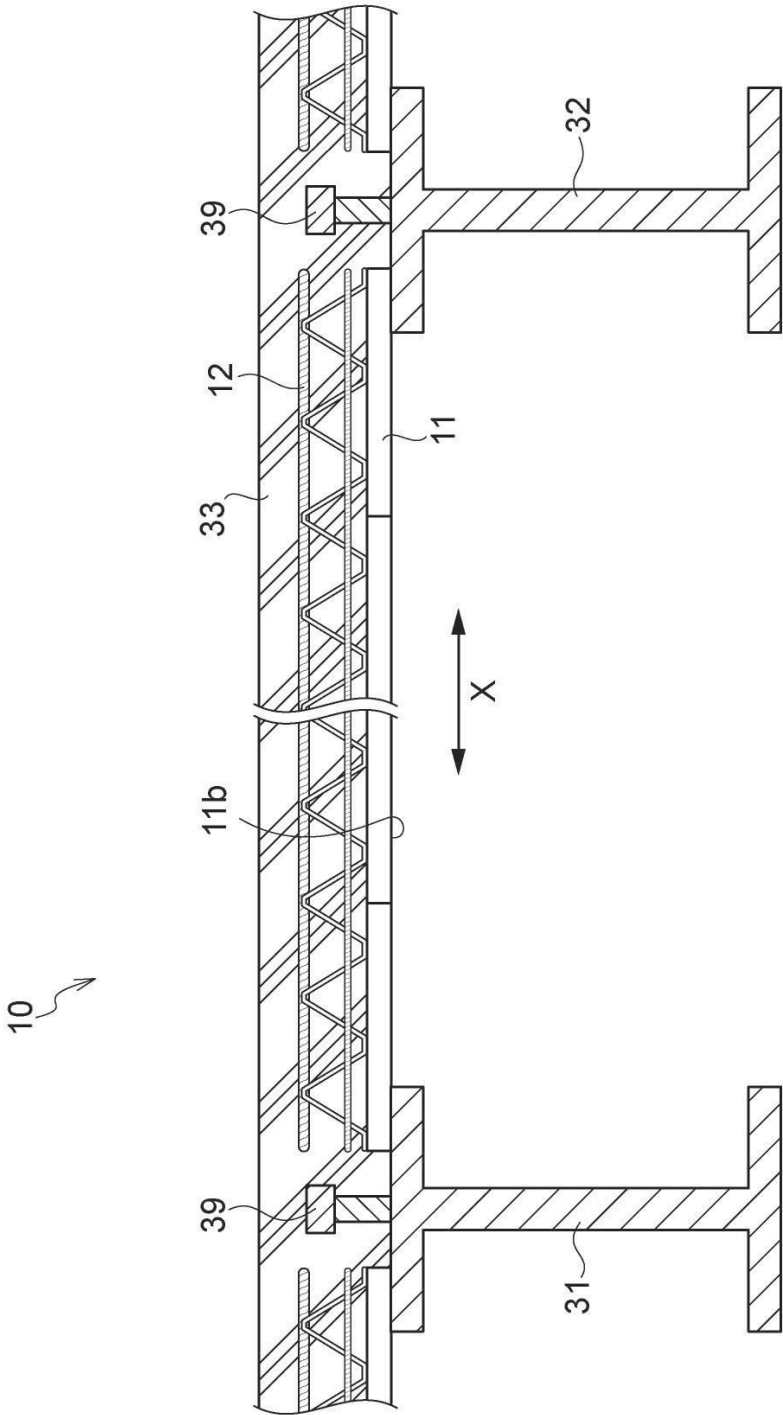


Fig. 11A

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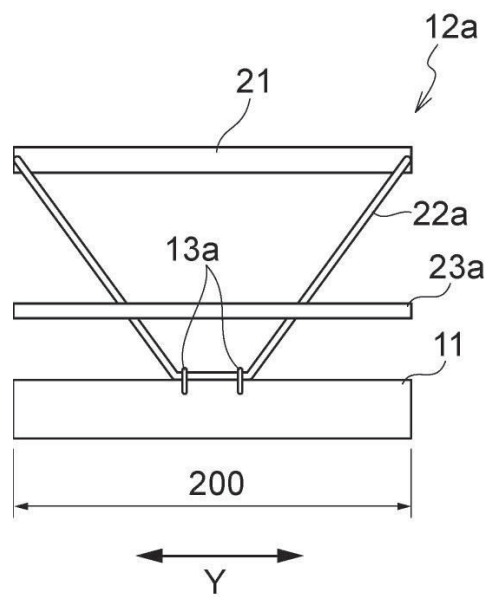


Fig. 11B

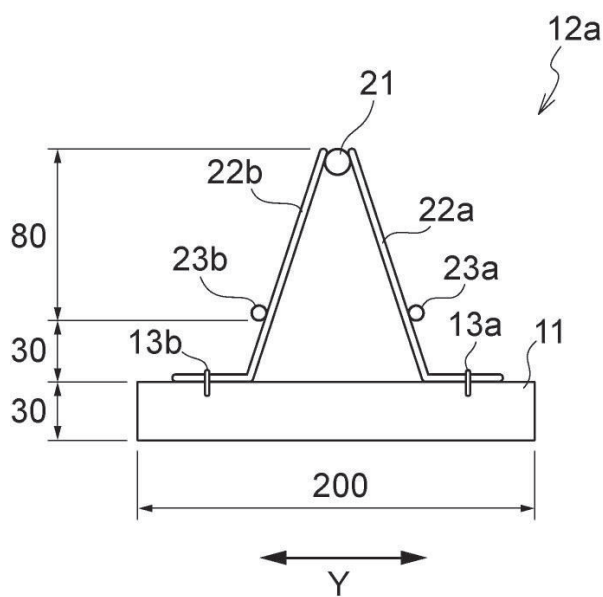


TABLE 1: TEST RESULTS

EXAMPLE	CONFIGURATION OF FIXING FITTING	TENSILE LOAD RESISTANCE [kN]
1	U NAIL × 1	0.320
2	U NAIL × 1	0.290
3	F CABLE IRON SADDLE × 1	3.243
4	F CABLE IRON SADDLE × 1	3.222
5	STAPLE × 1	0.288
6	STAPLE × 1	0.212
7	U NAIL × 2	0.470
8	U NAIL × 2	0.409
9	U NAIL × 4	1.242
10	ADHESIVE STAPLE × 1	2.639
11	ADHESIVE STAPLE × 1	3.396
12	ADHESIVE STAPLE × 1	1.824
13	ADHESIVE STAPLE × 2	3.663
14	ADHESIVE STAPLE × 2	3.738
15	ADHESIVE STAPLE × 2	3.953

Fig. 12

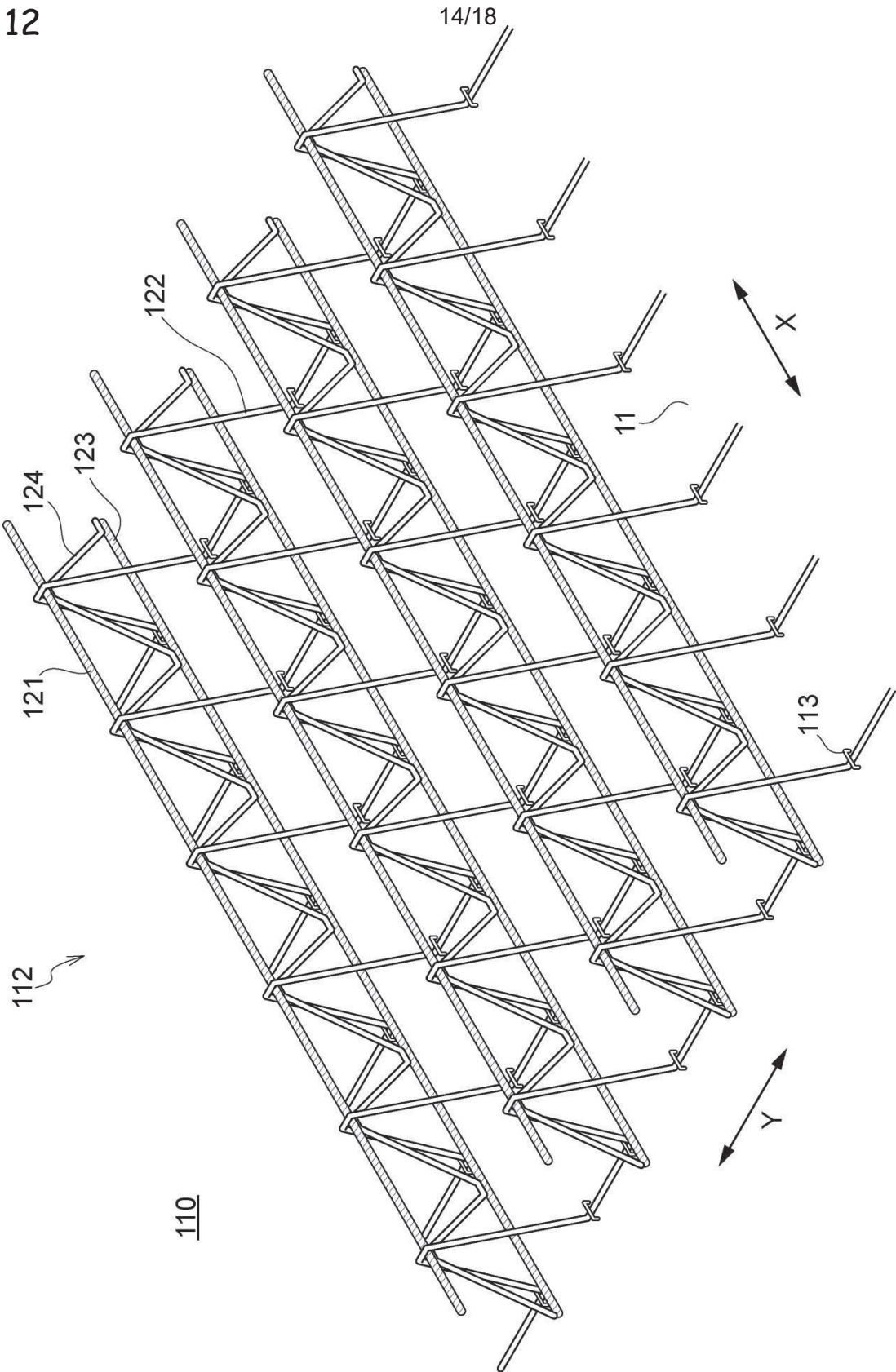


Fig. 13

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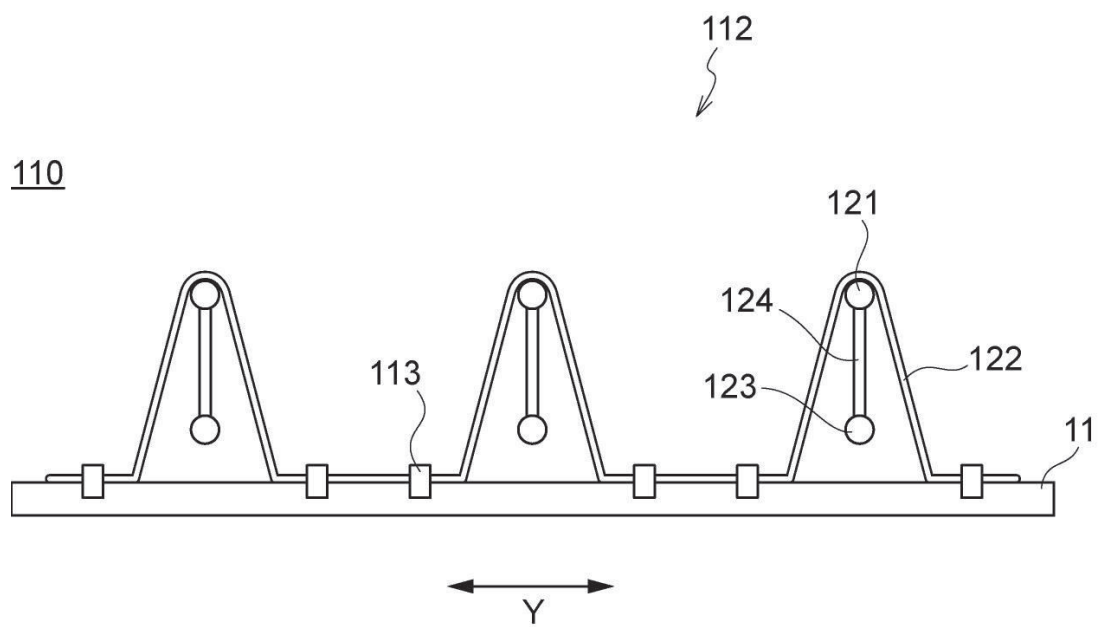


Fig. 14

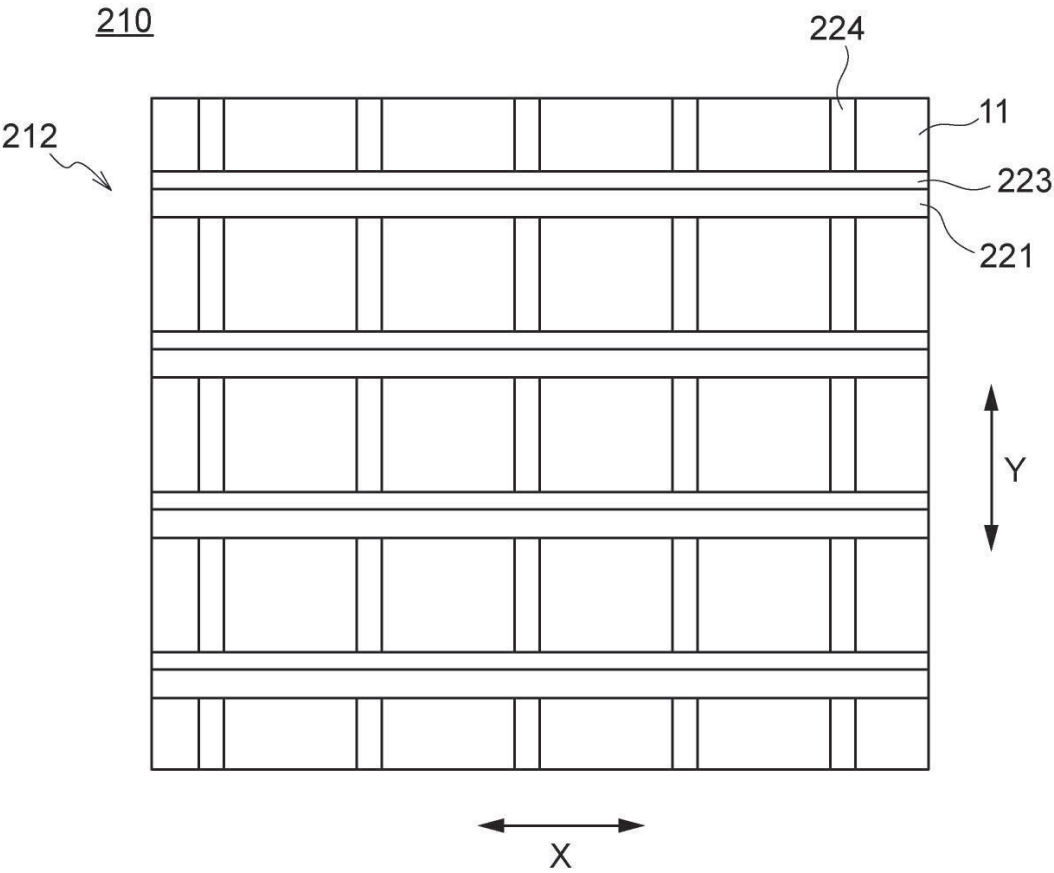


Fig. 15

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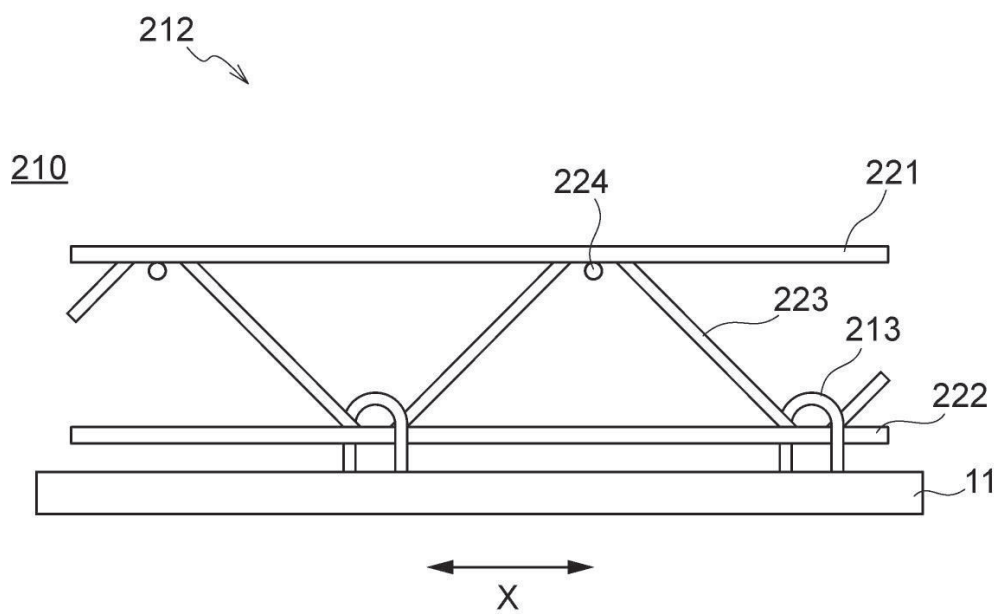


Fig. 16

