

FIG. 1

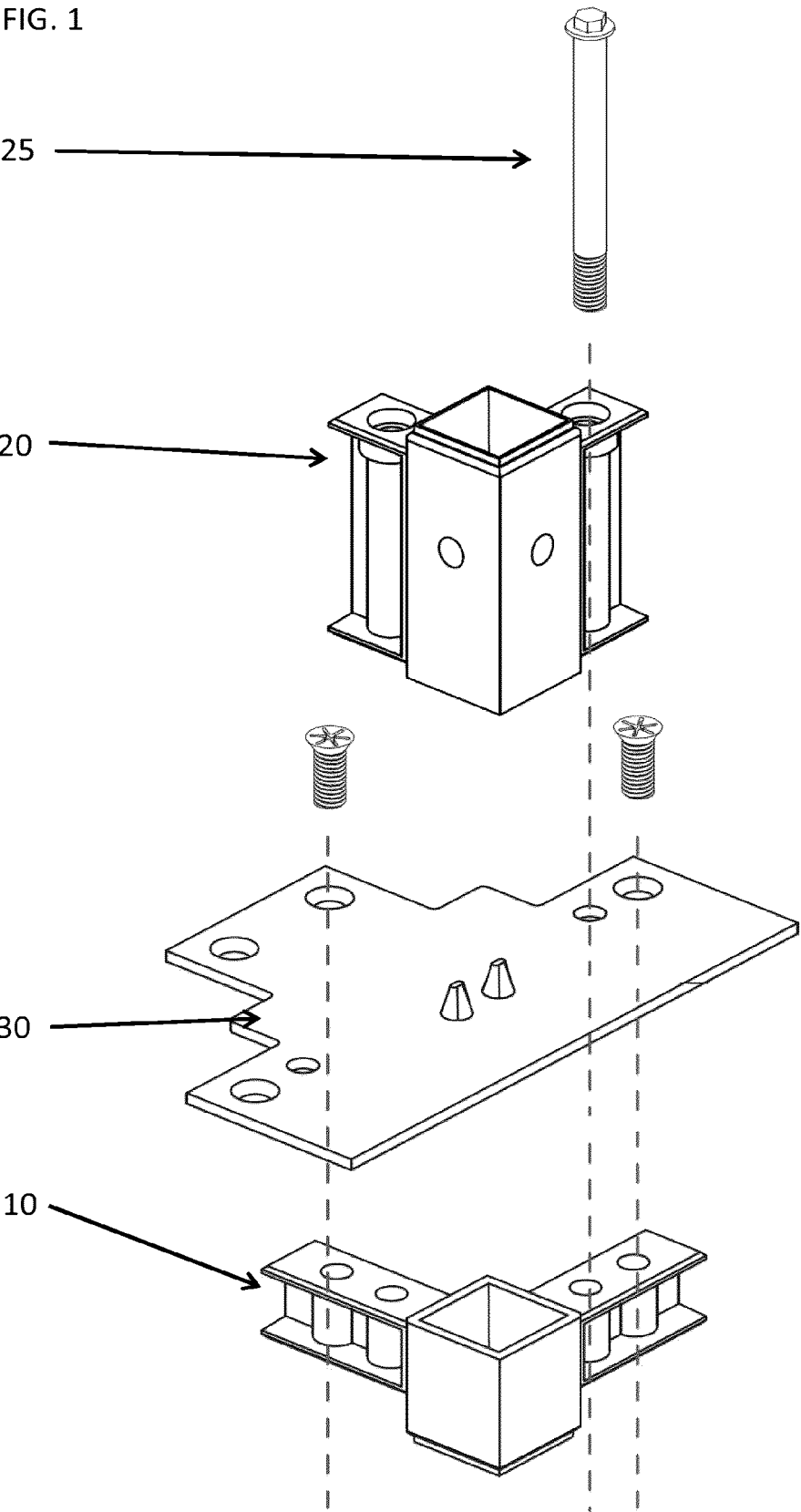


FIG. 1.1

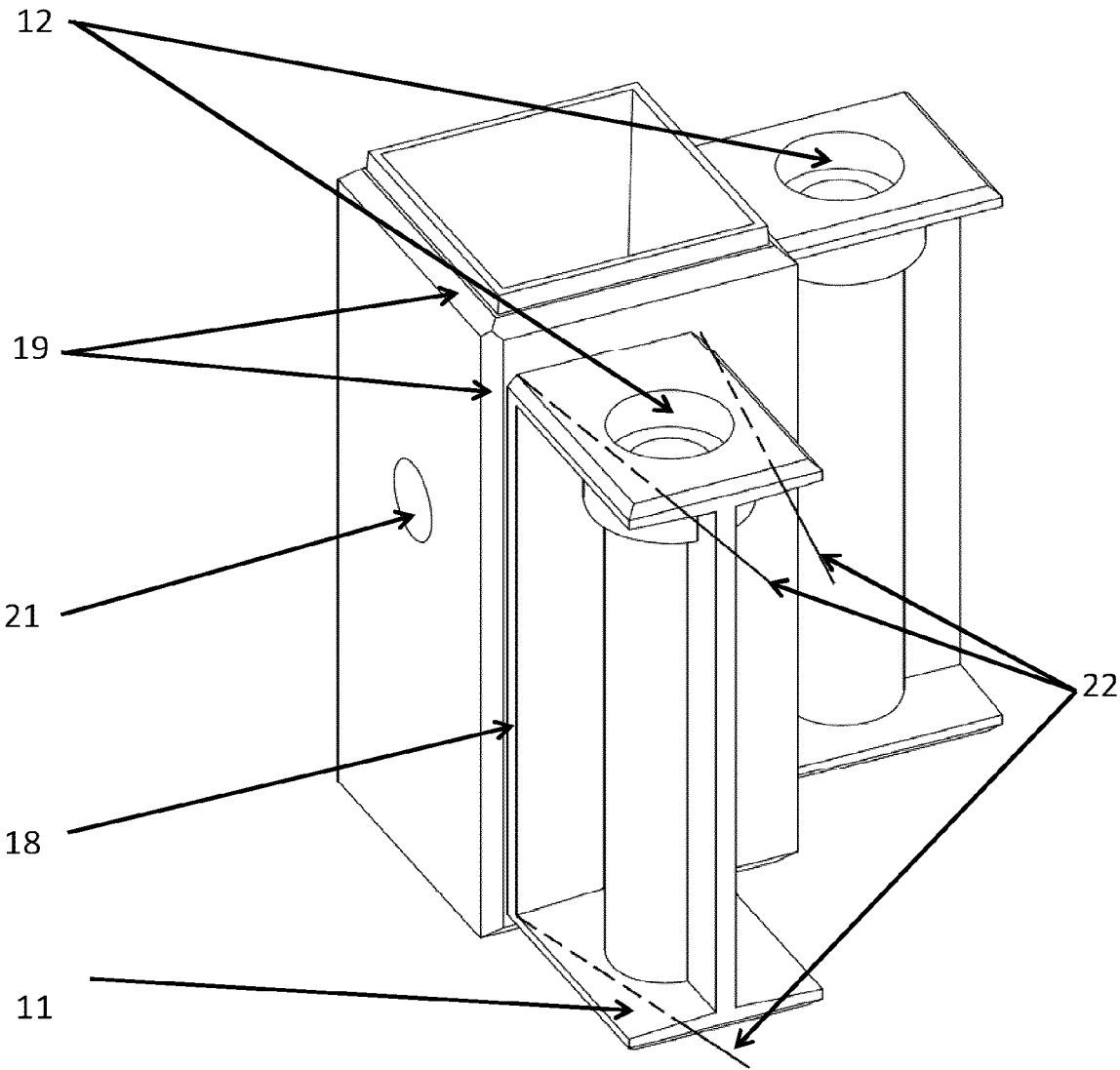


FIG. 1.2

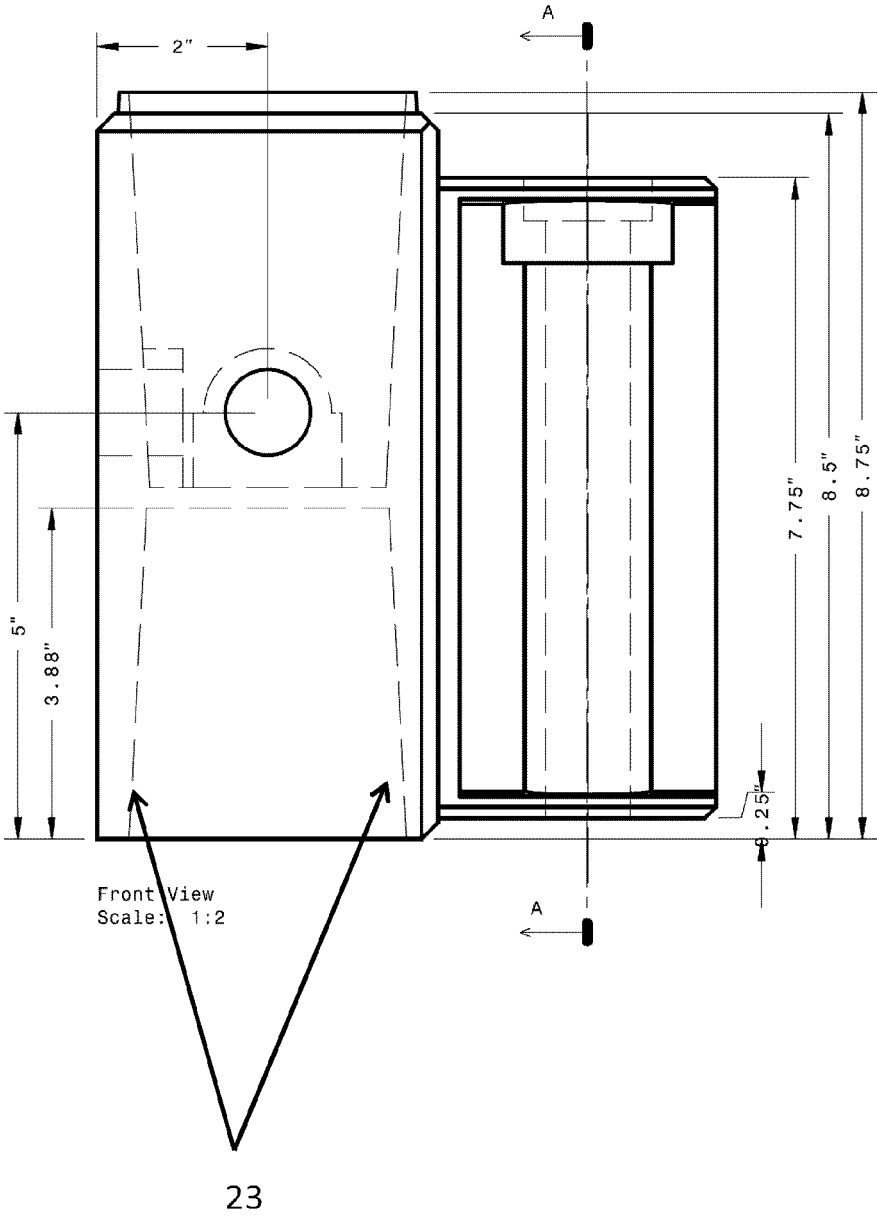


FIG. 1.3

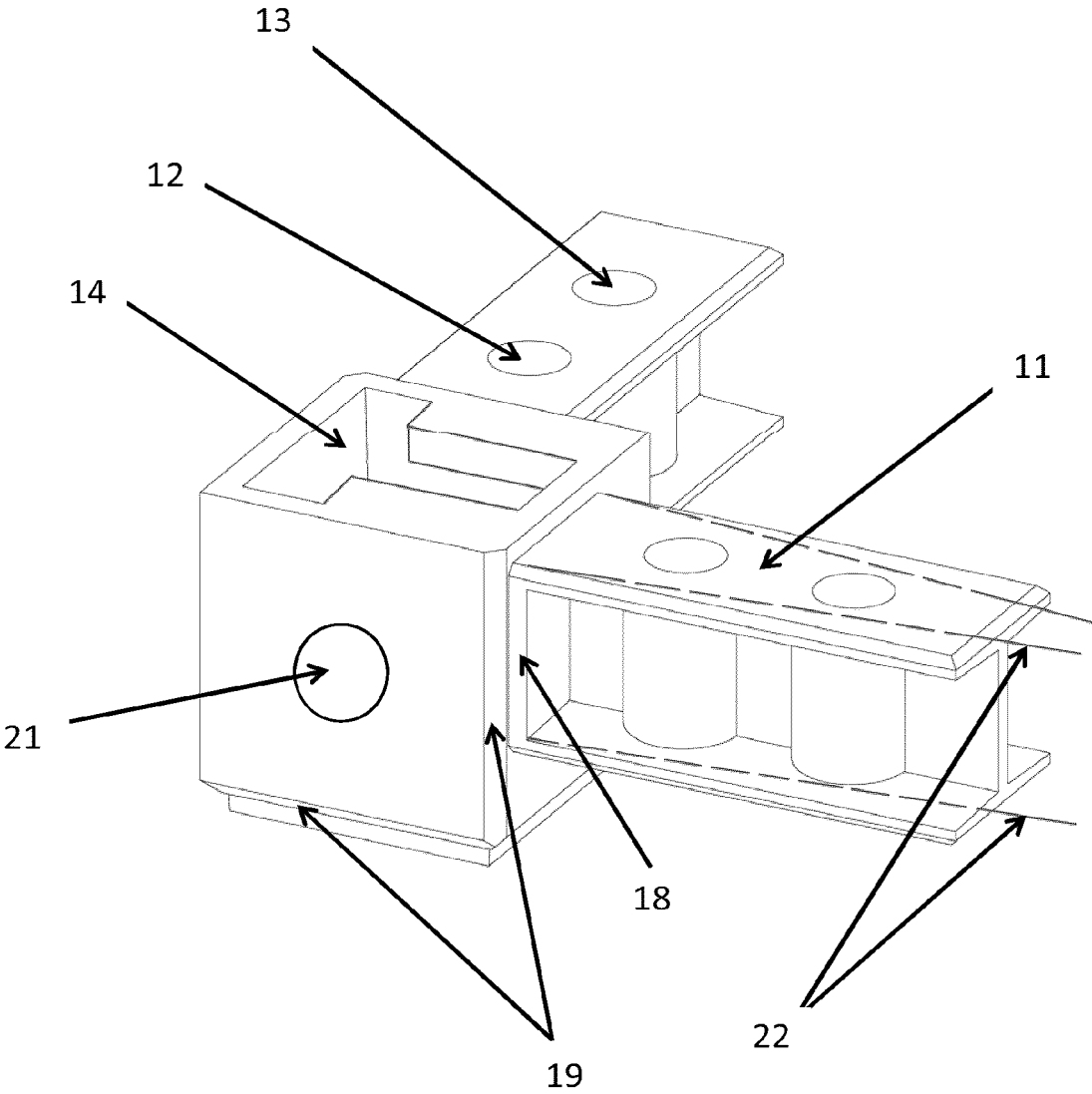
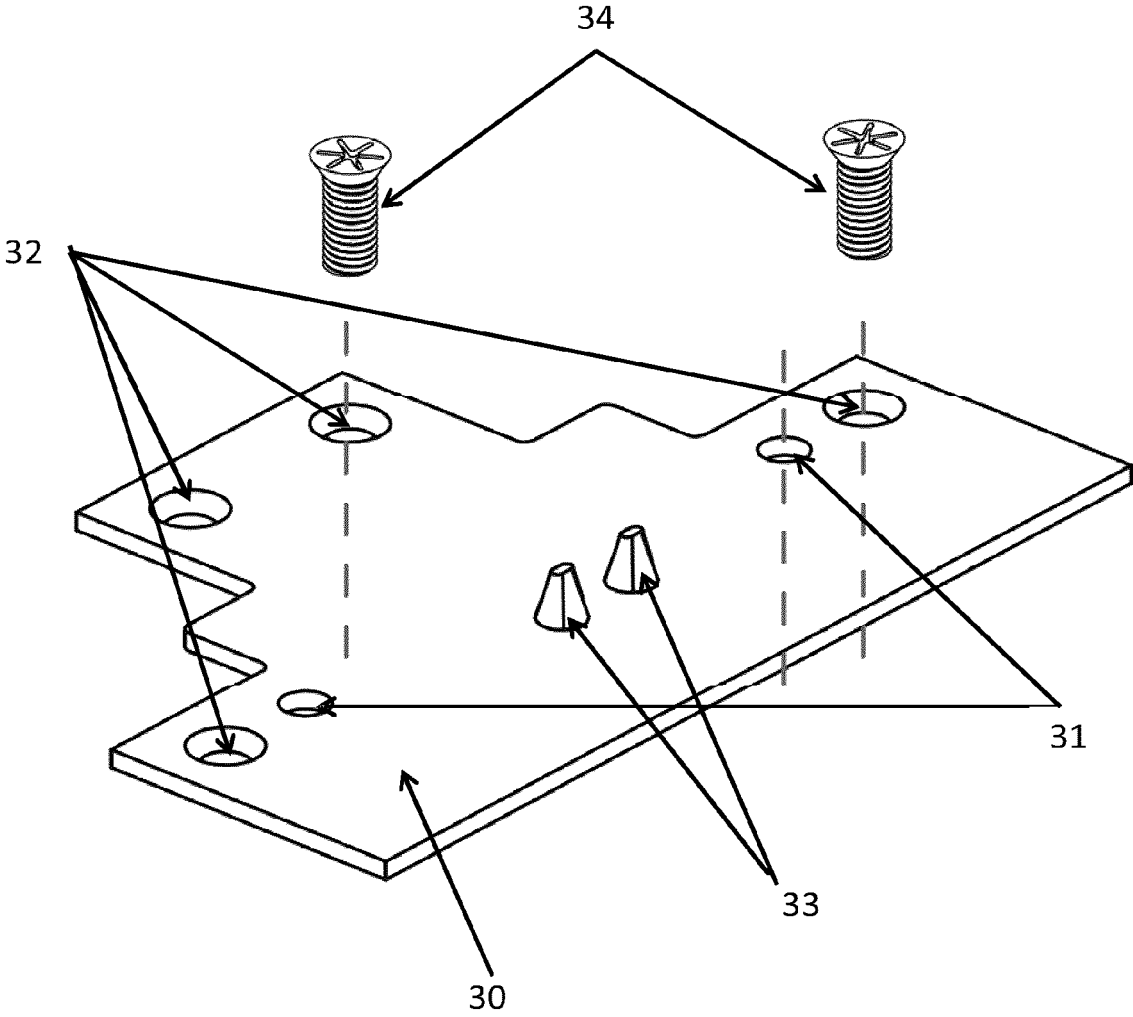


FIG. 2



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FIG. 2.1

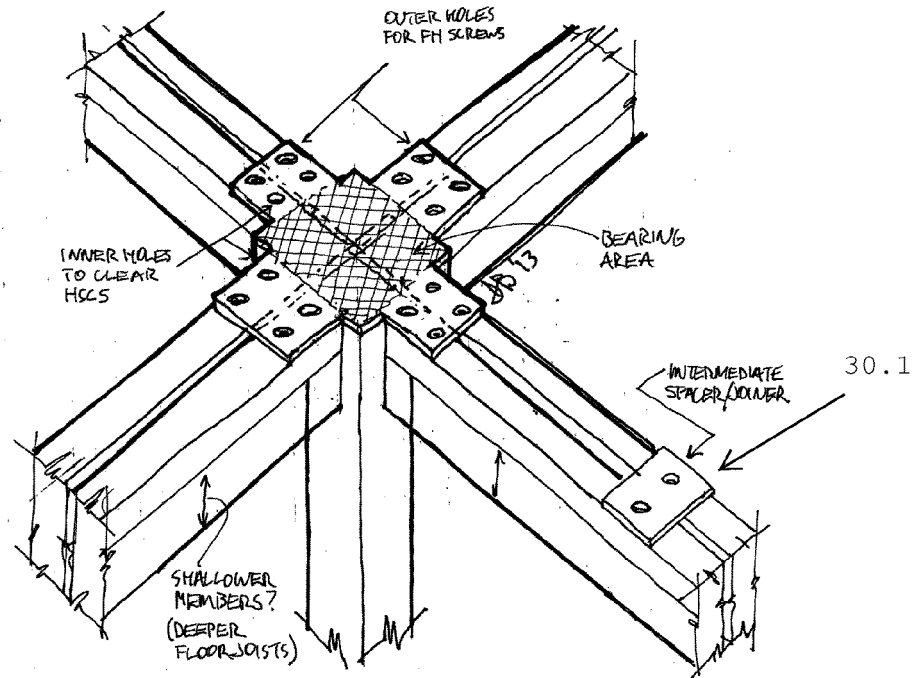


FIG. 2.2

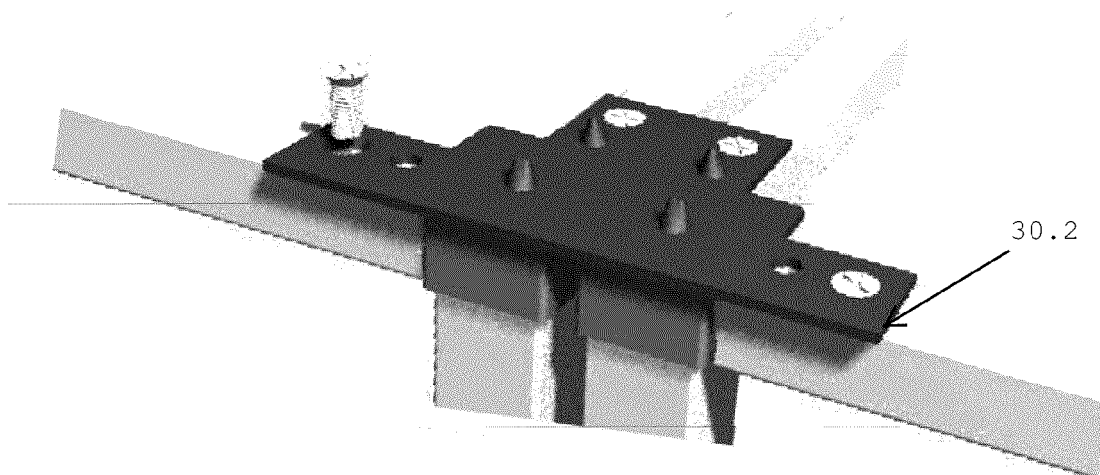
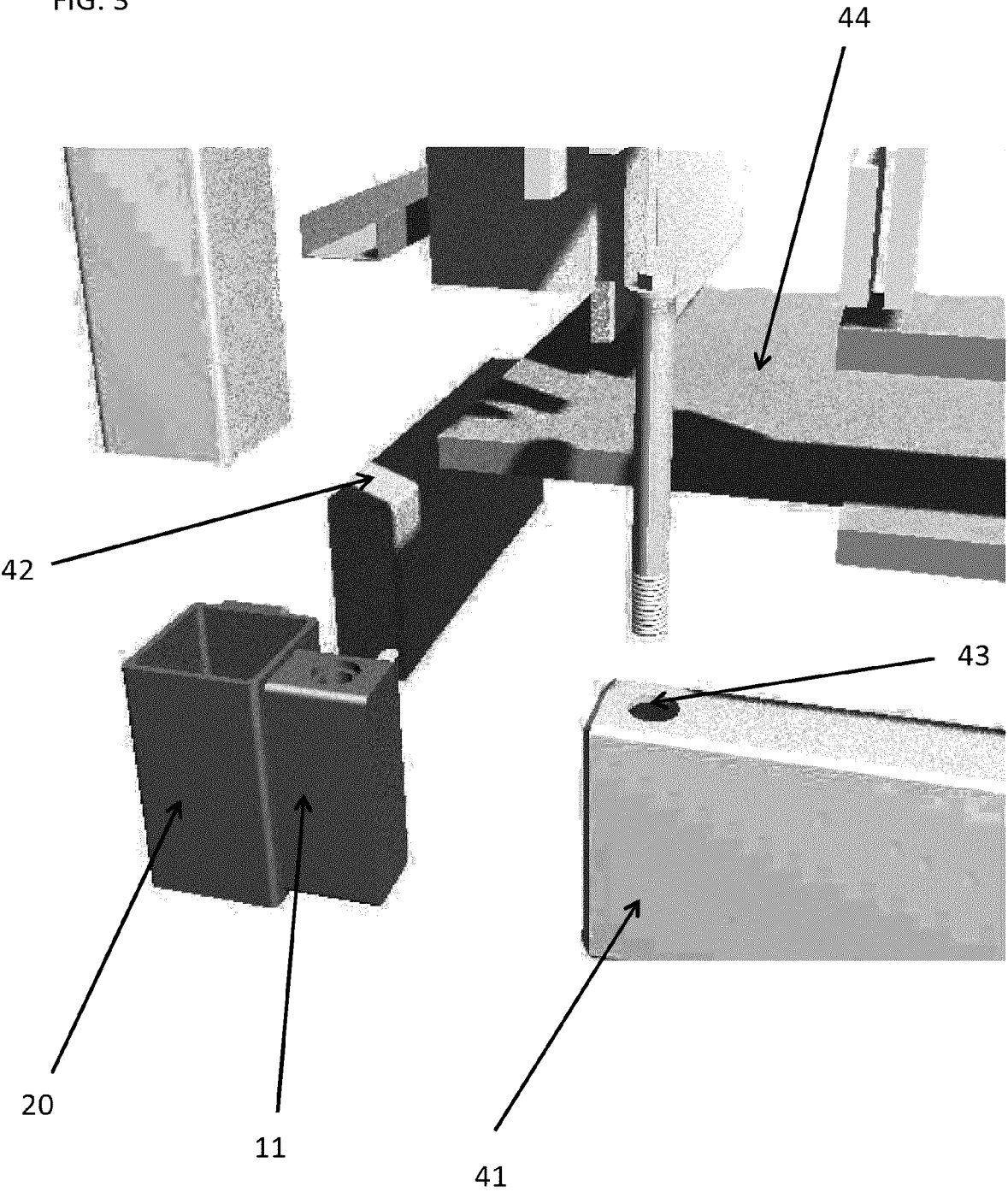


FIG. 3



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FIG. 3.1

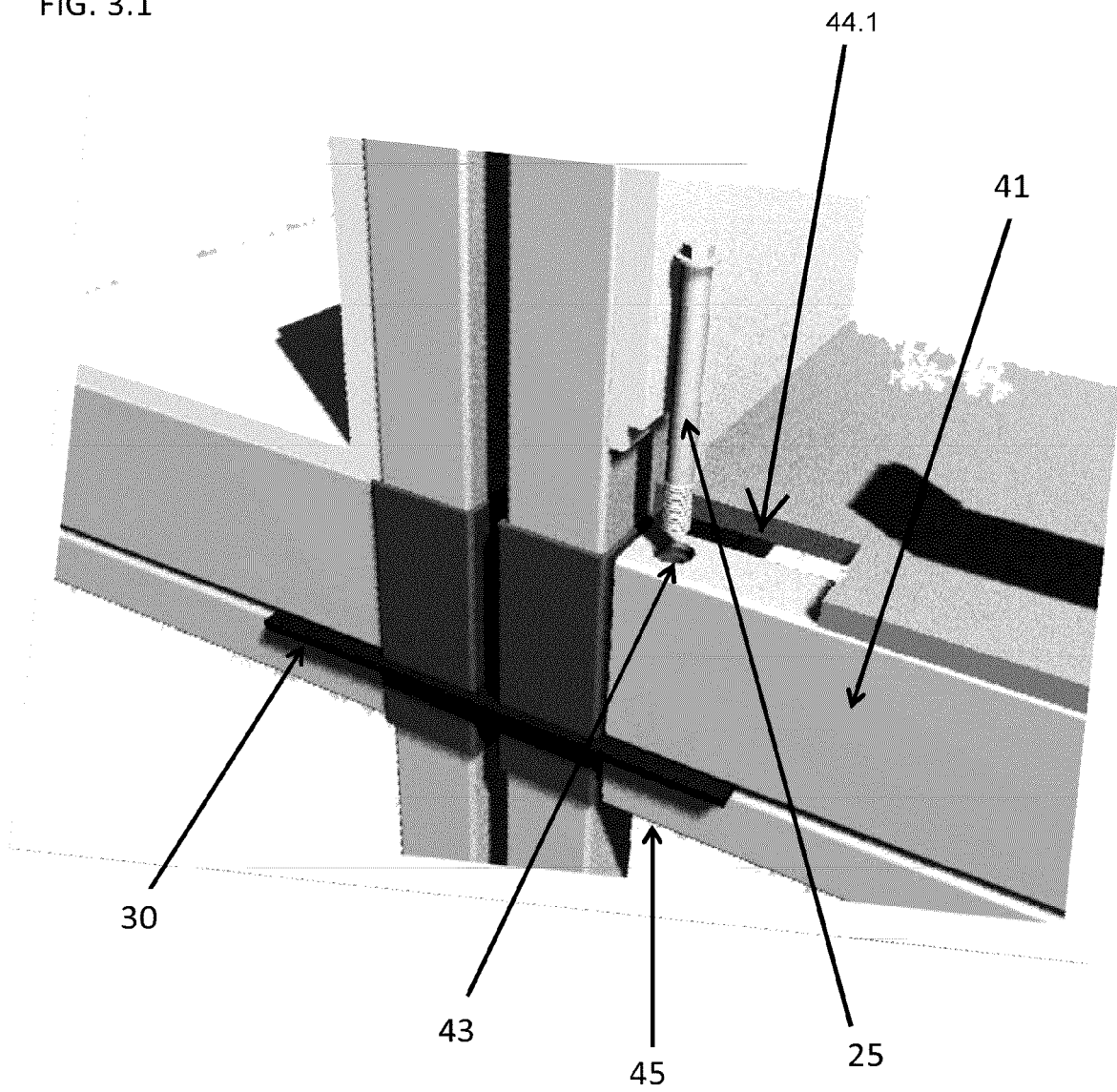


FIG. 3.3

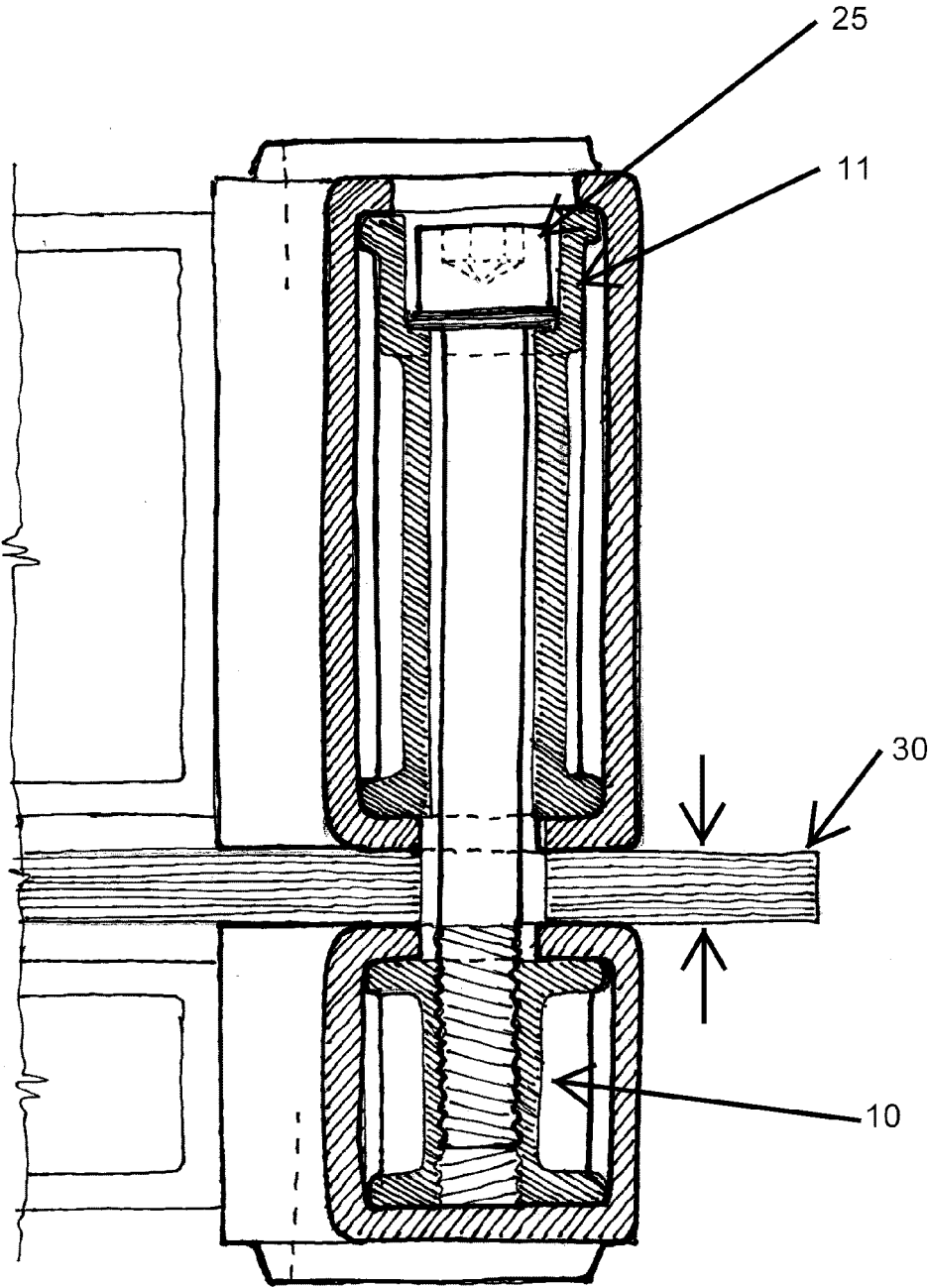


FIG. 3.5

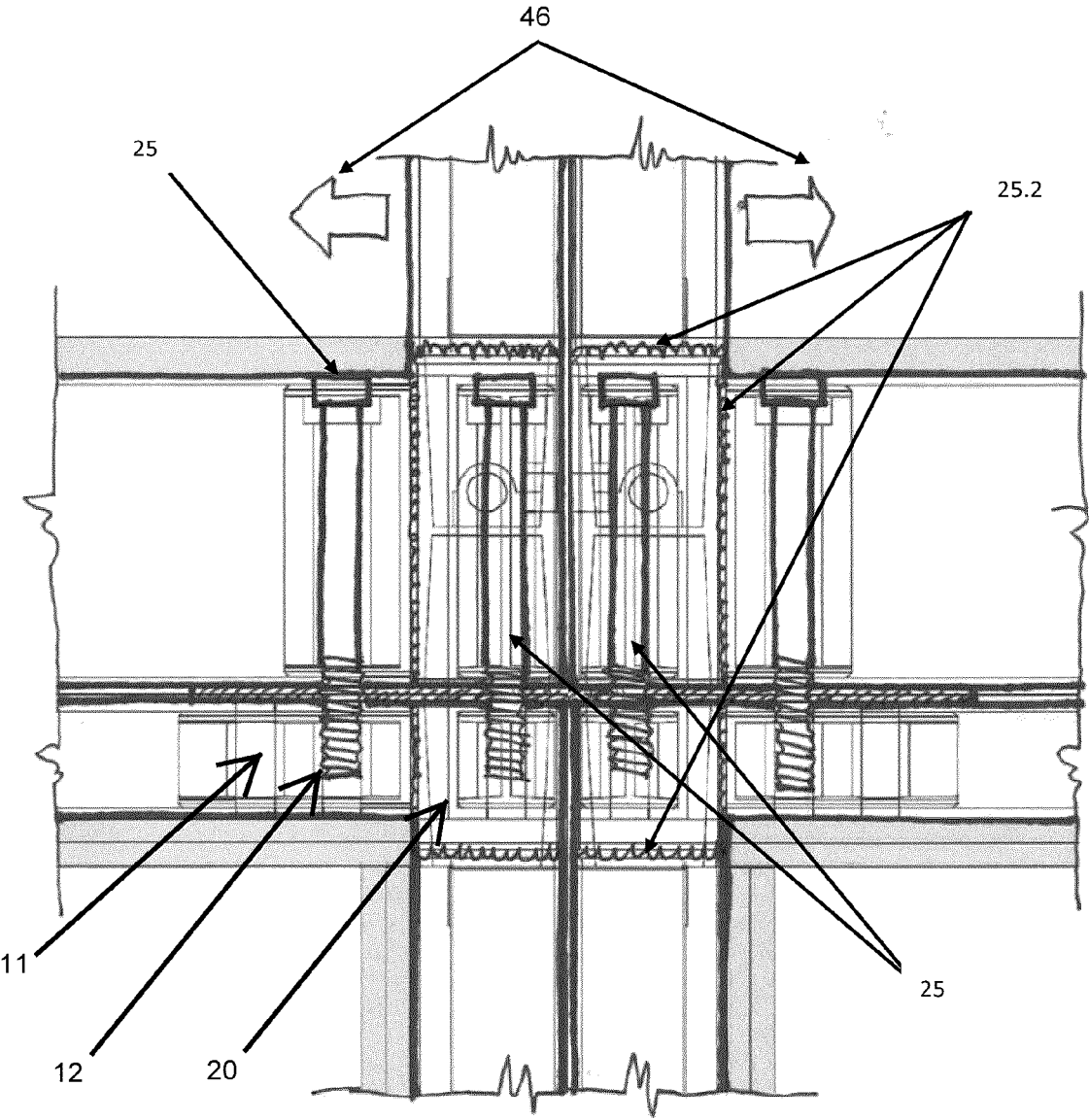


FIG. 3.4

FIG. 3.6

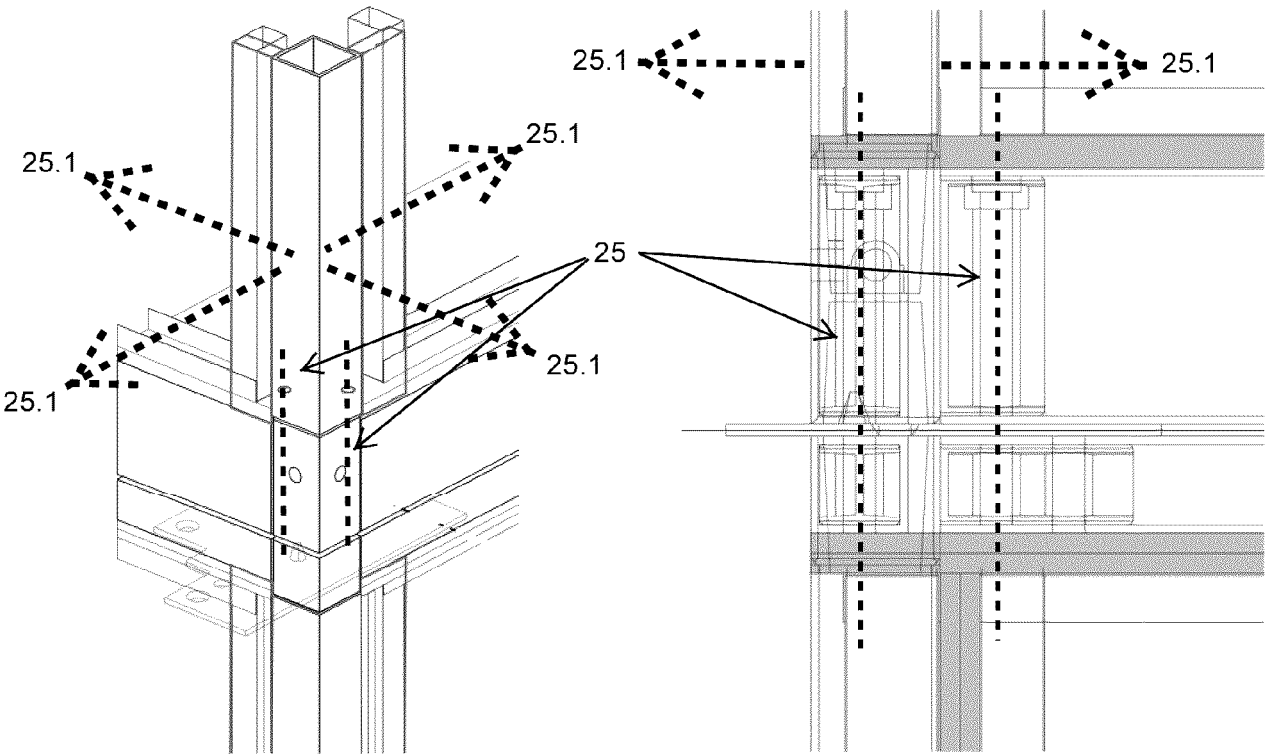


FIG. 5

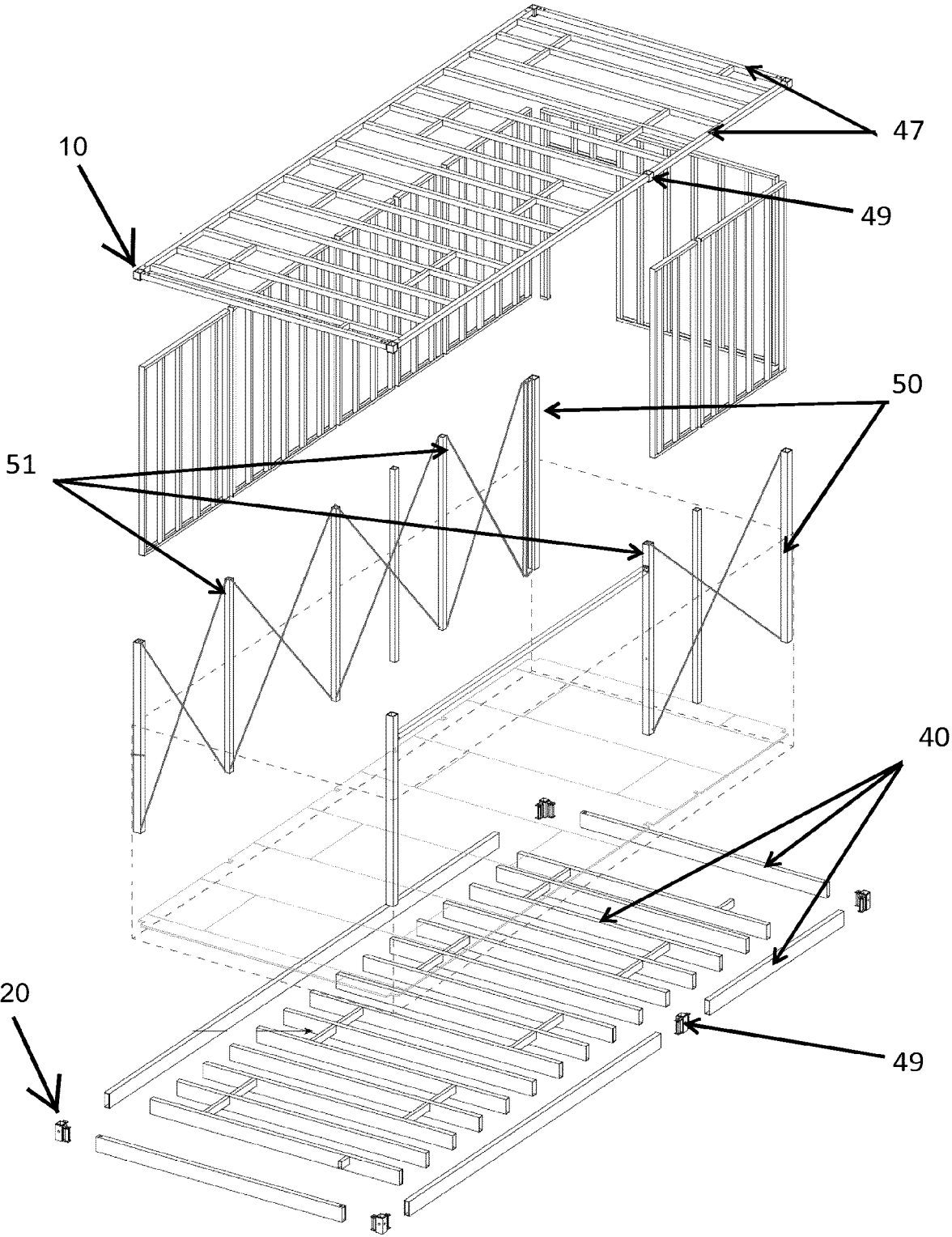


FIG. 5.1

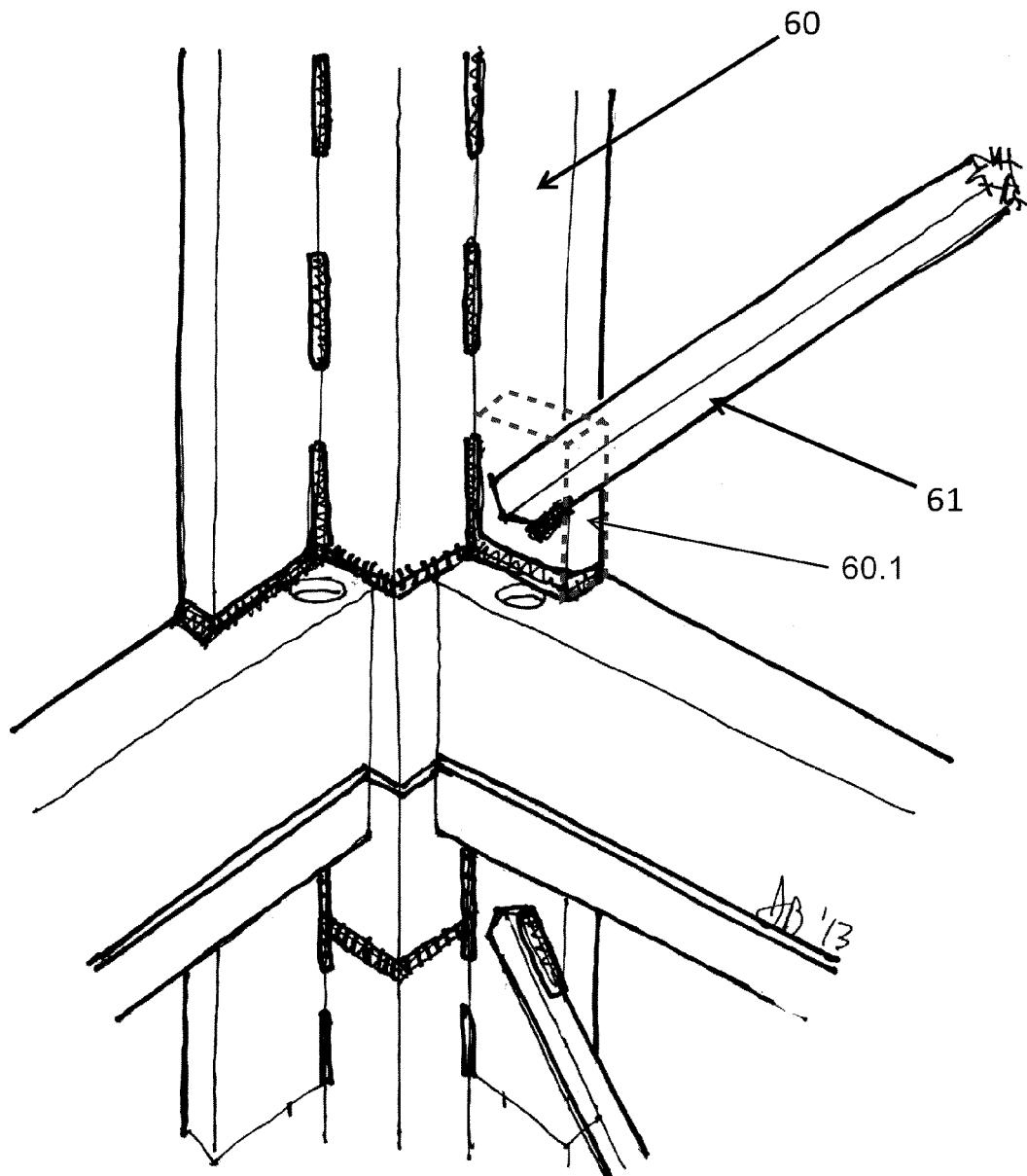
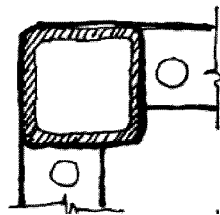
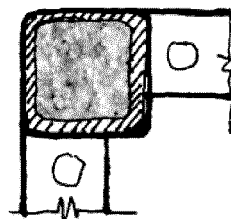


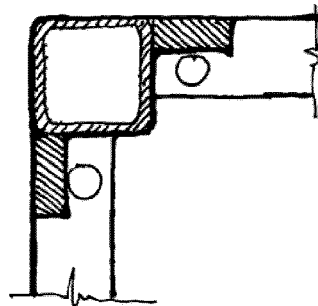
FIG. 5.2a



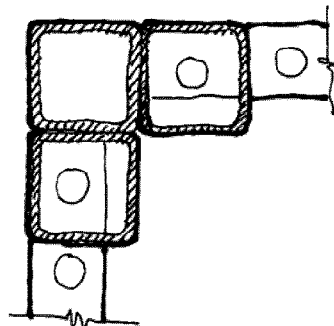
Single column



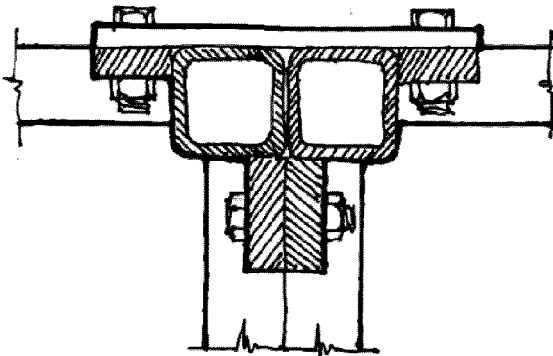
Single column with concrete fill



Single column with stiffeners



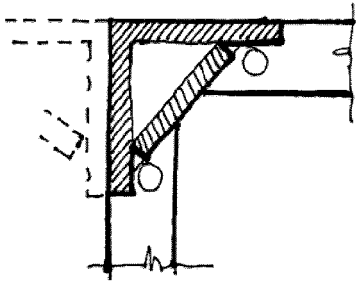
Triple column



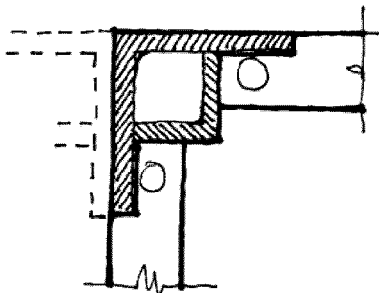
Combined single columns with stiffeners

Increasing load bearing capacity

FIG. 5.2b

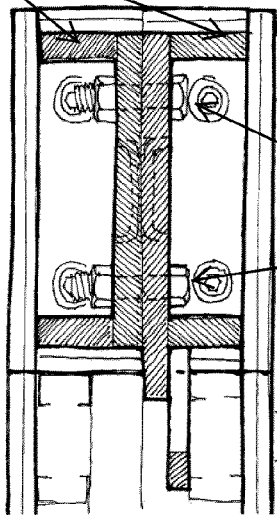


Combined columns
built-up with
angle and plate



Combined columns
built-up with
angles

50.1



Combined columns
built-up with
heavy plate

25.2

Increasing load bearing capacity



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FIG. 6

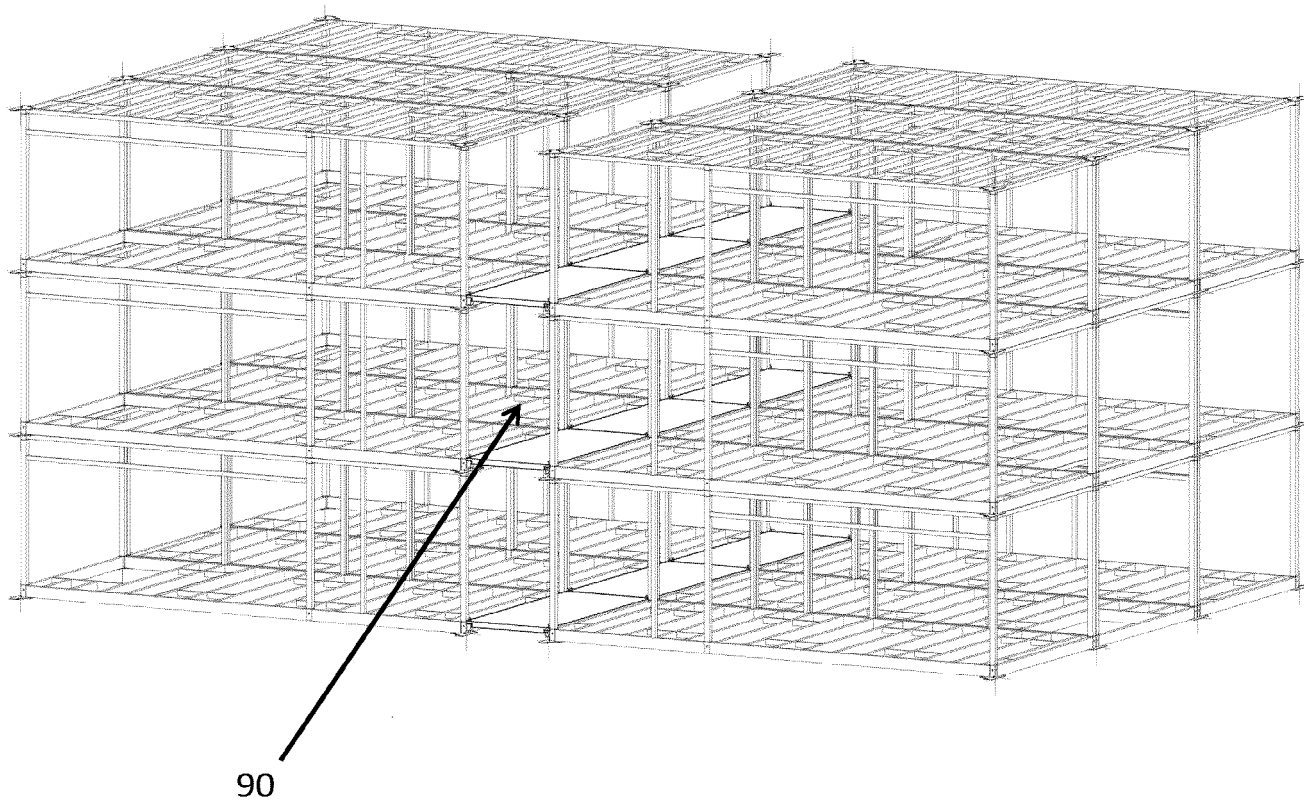


FIG. 7

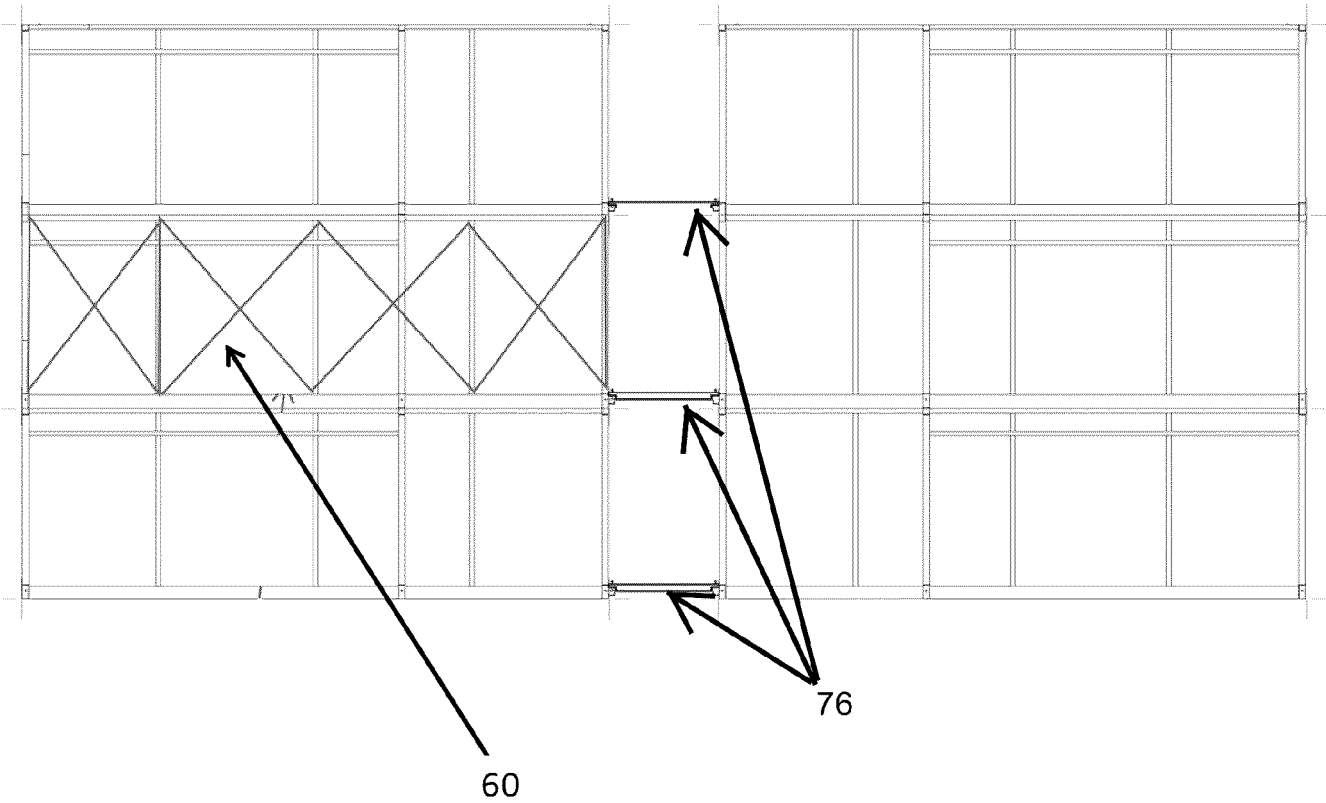
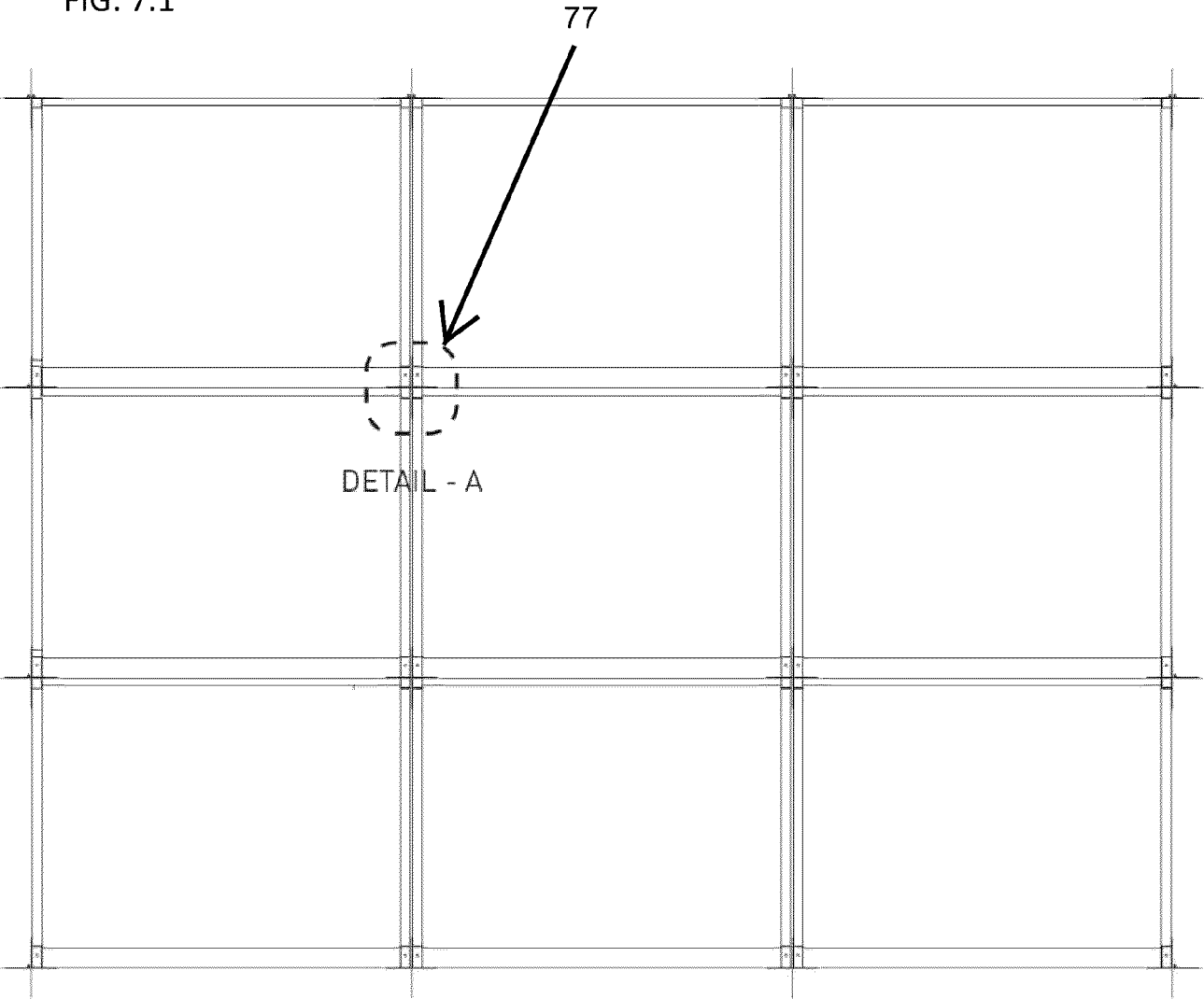


FIG. 7.1



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FIG. 9

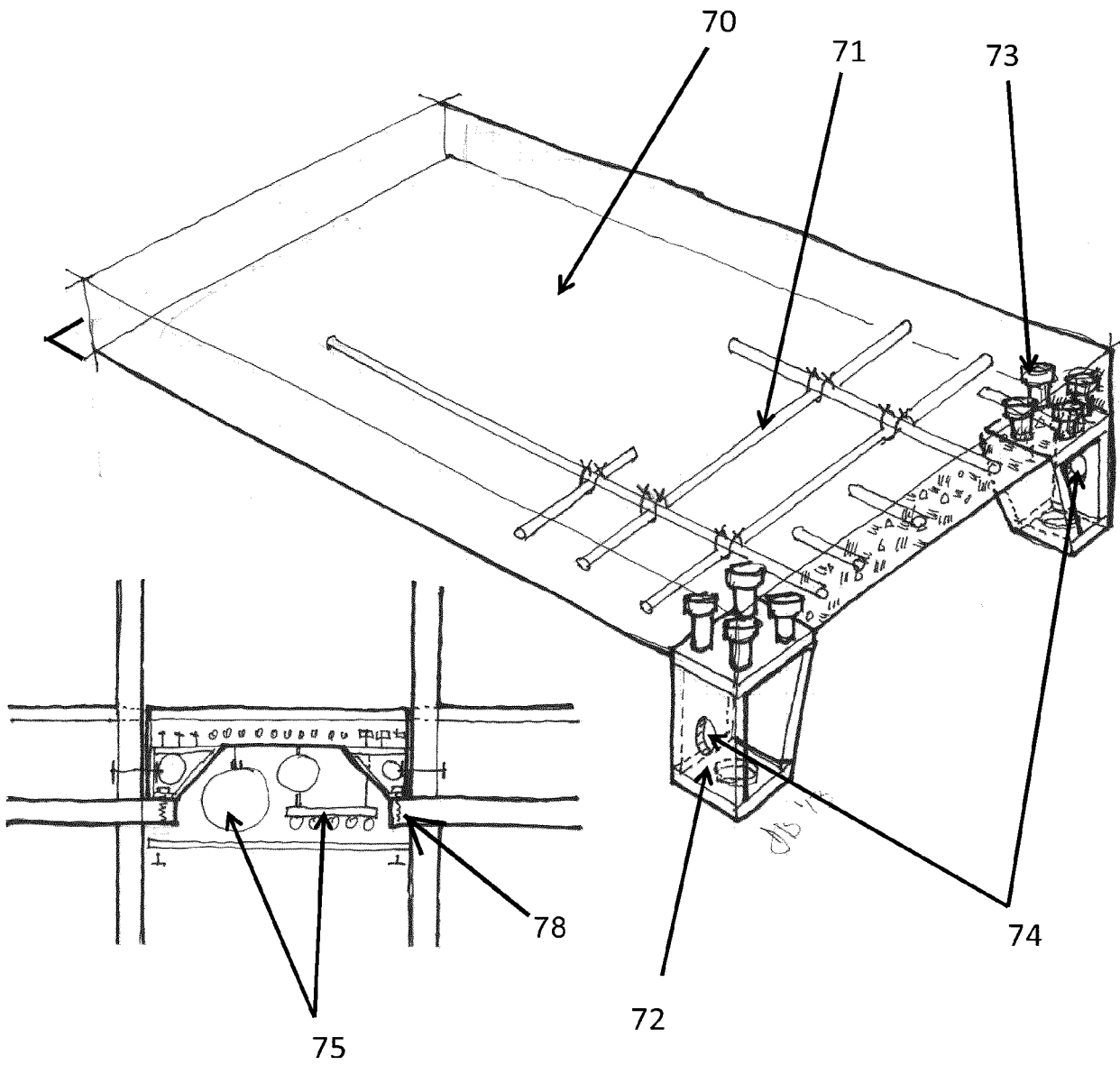


FIG. 10

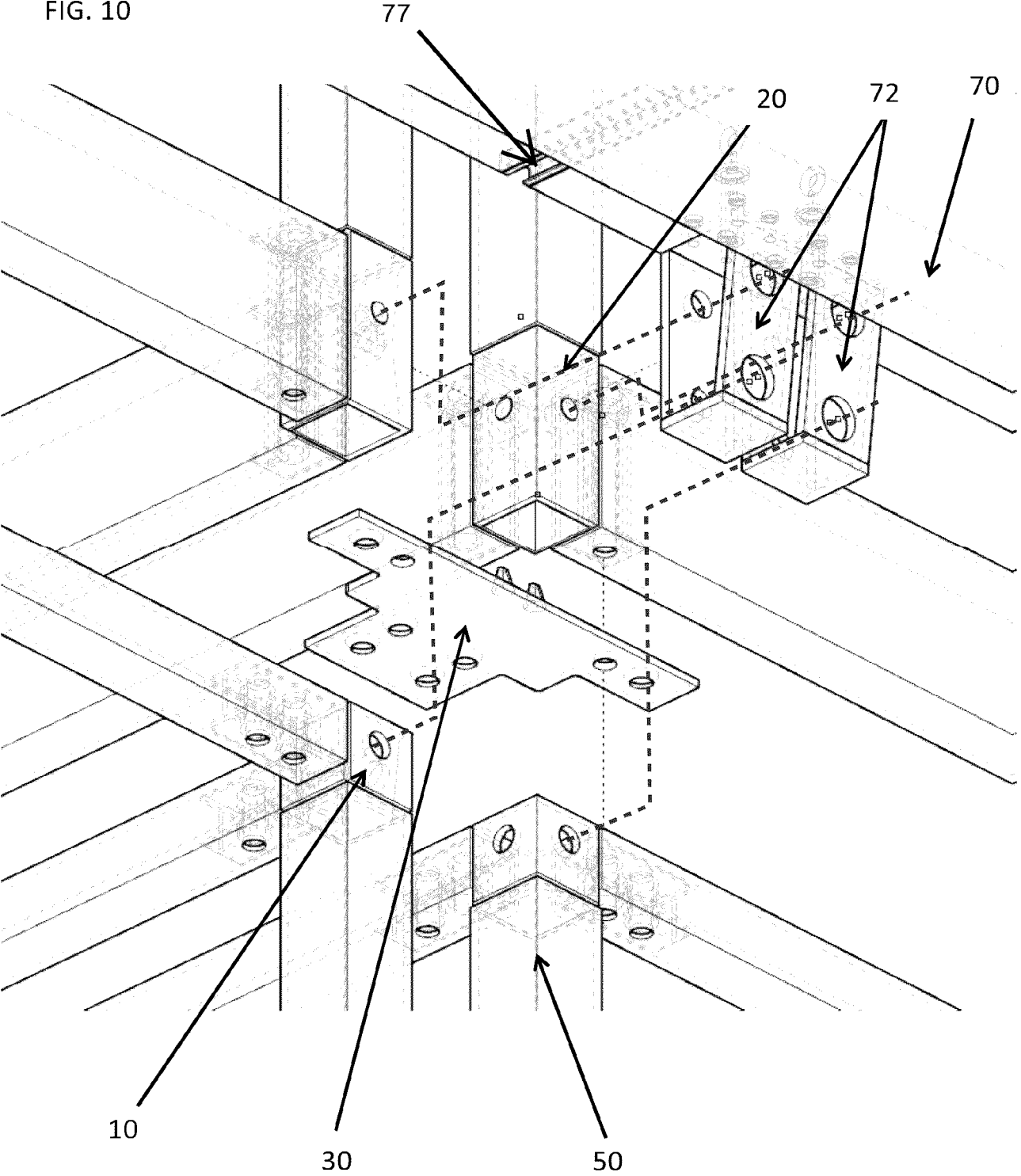
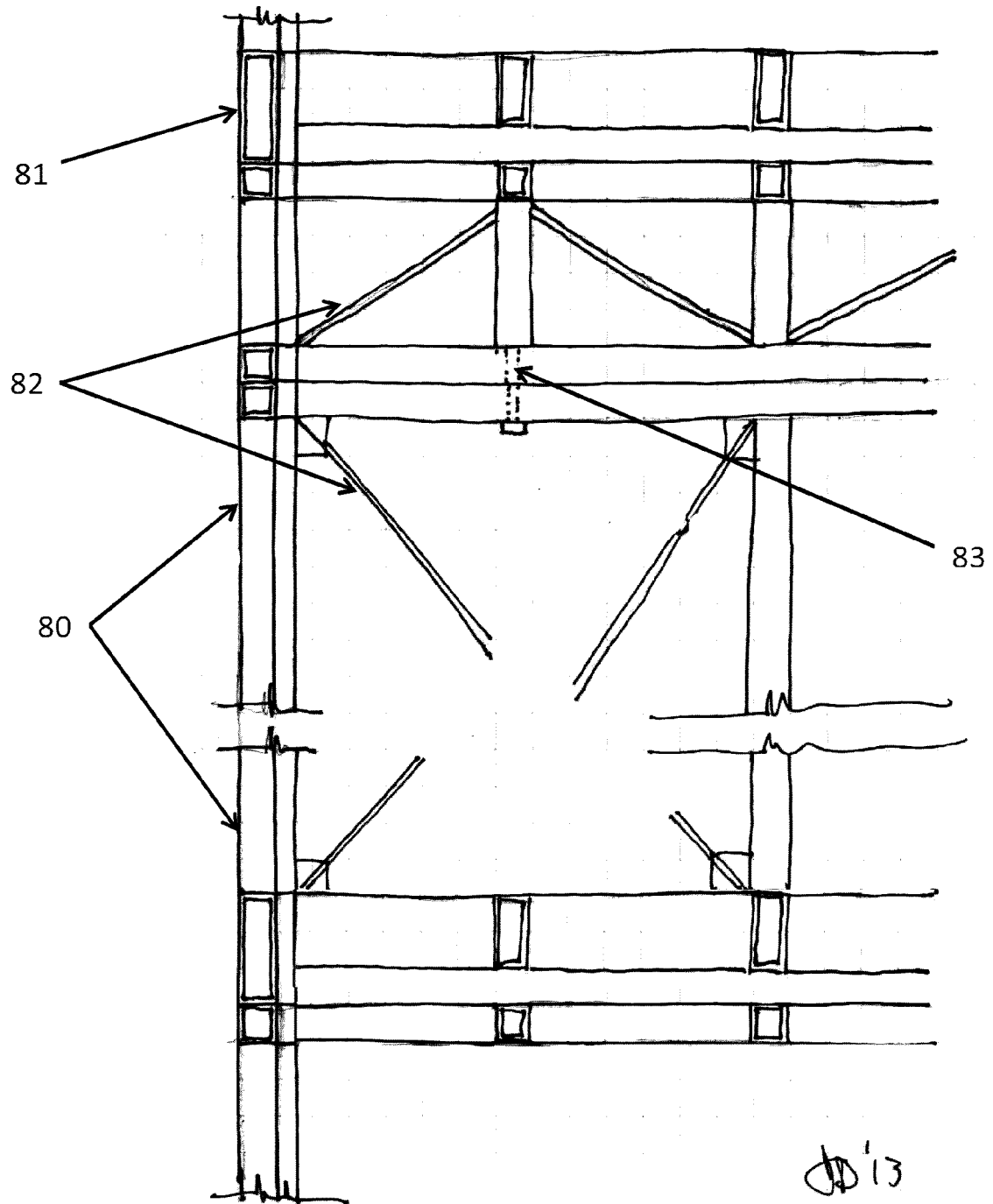


FIG. 11



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FIG. 15

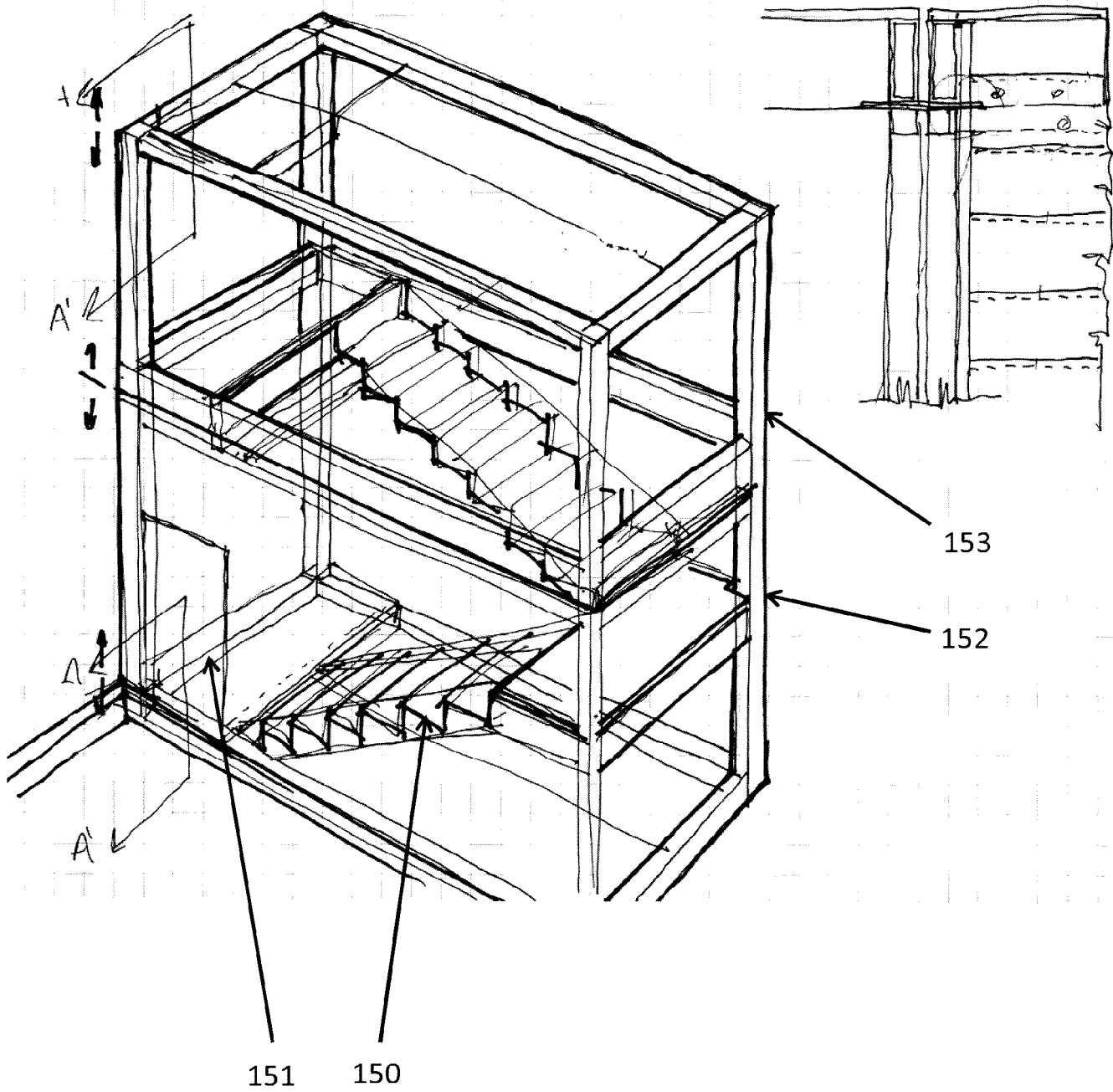
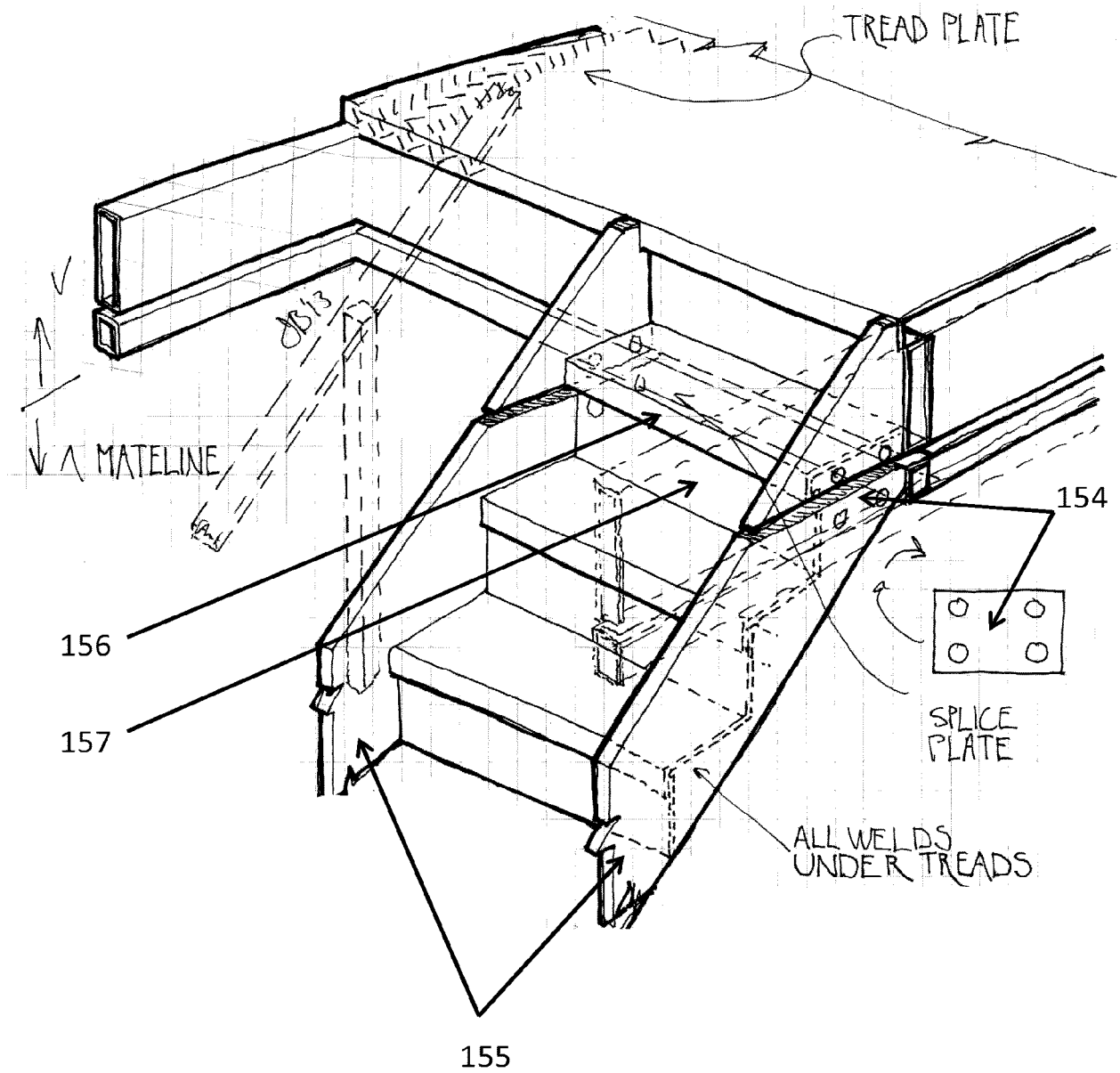


FIG. 16



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FIG. 17

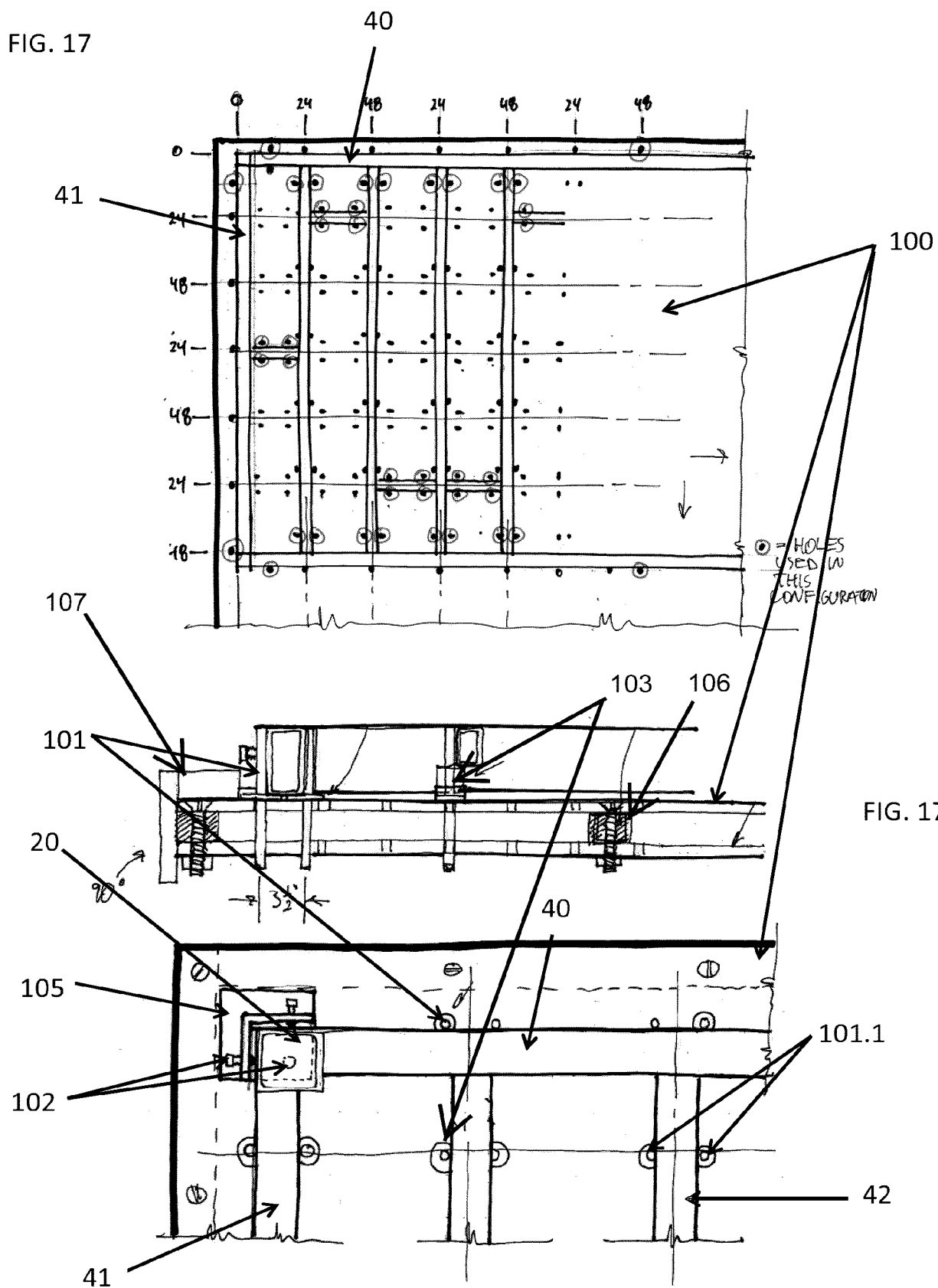


FIG. 17.2

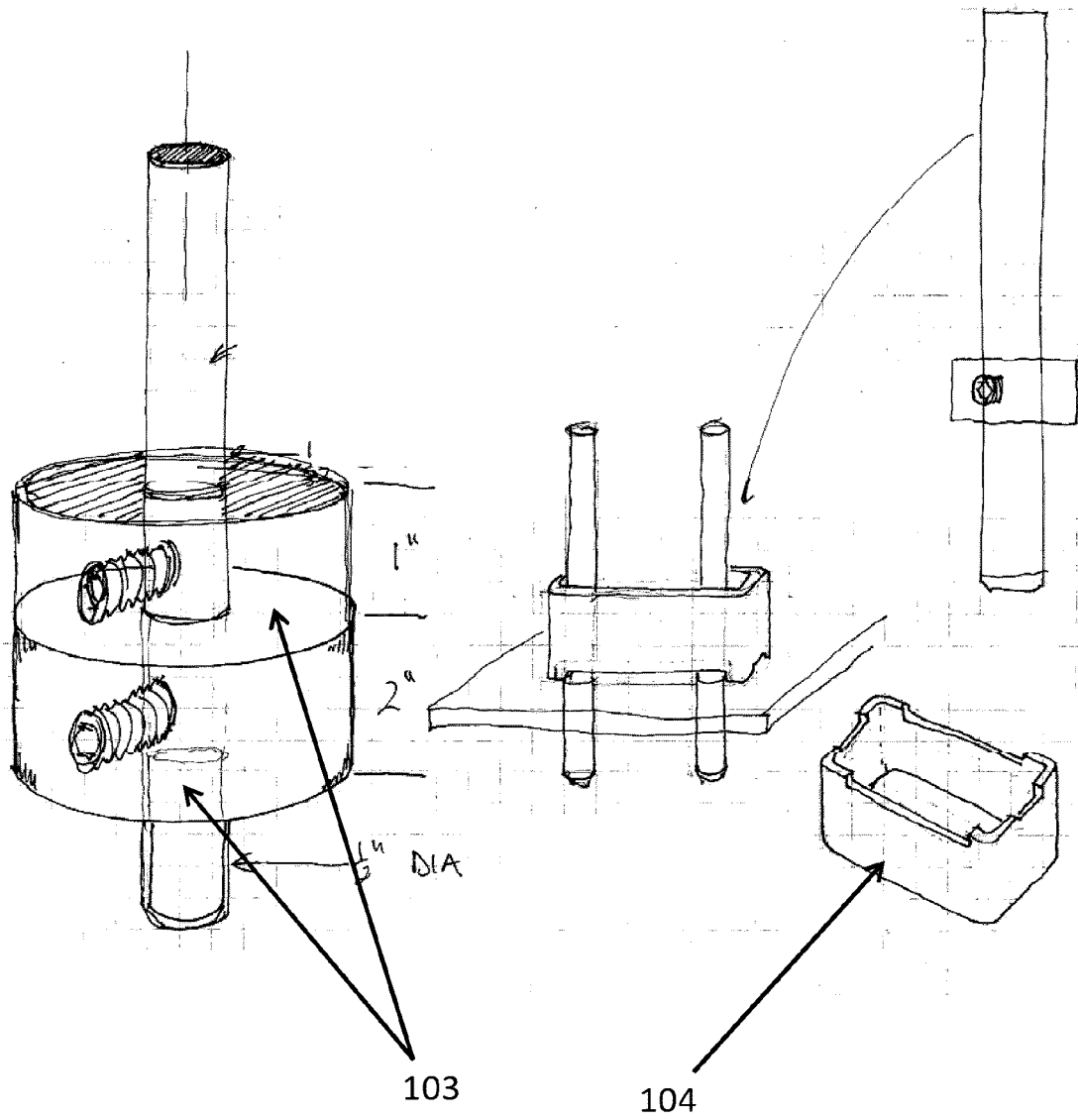
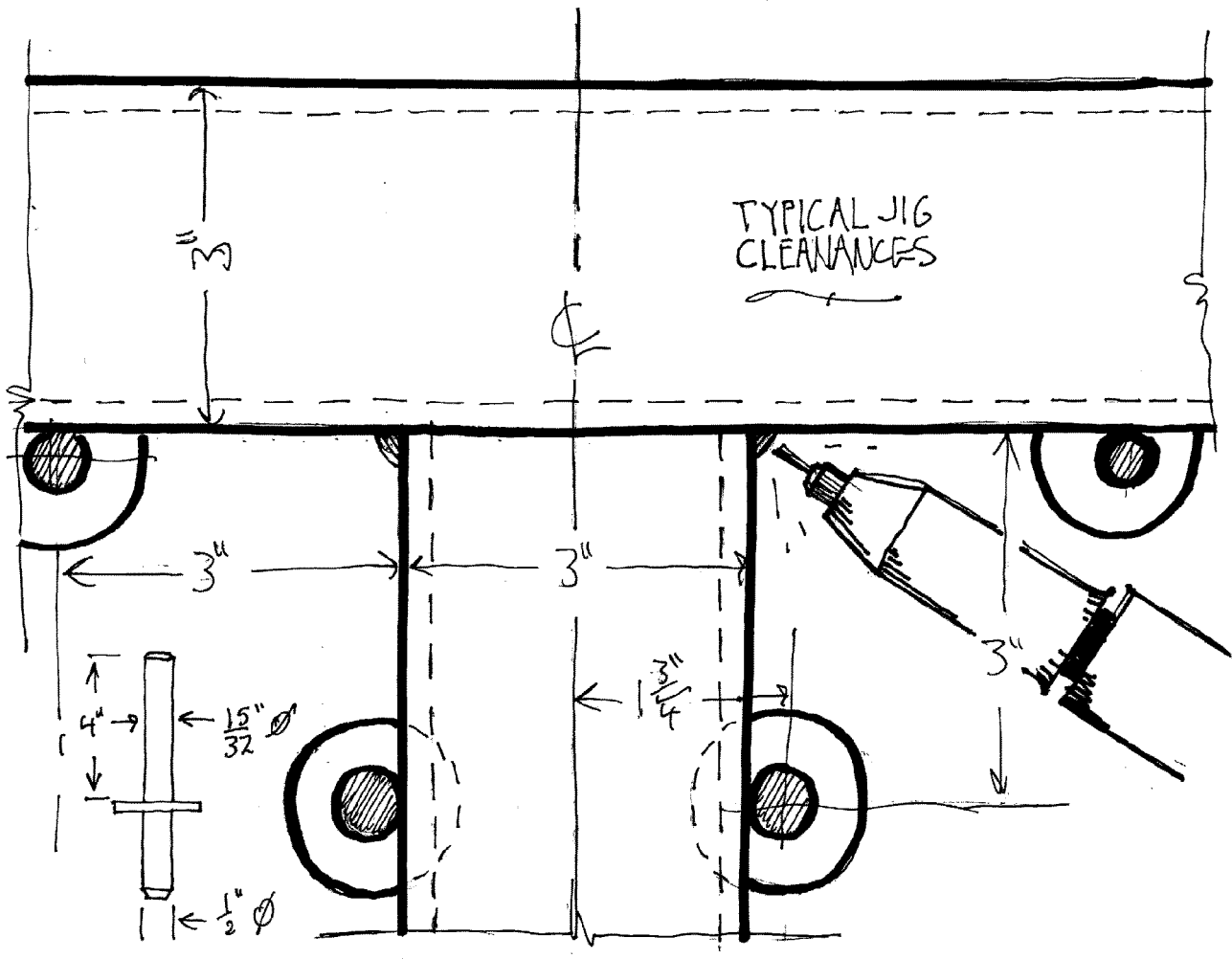
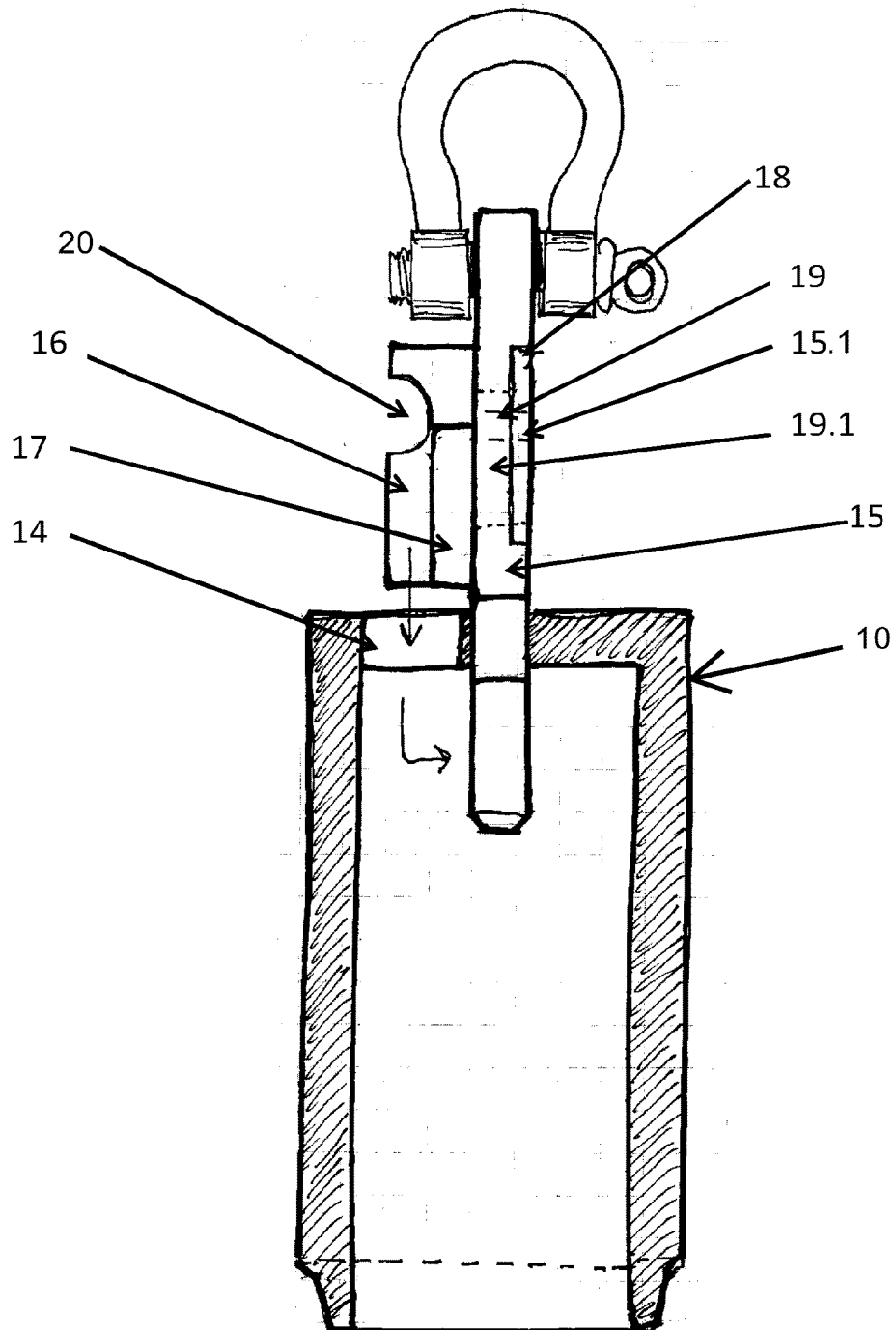


FIG. 17.3



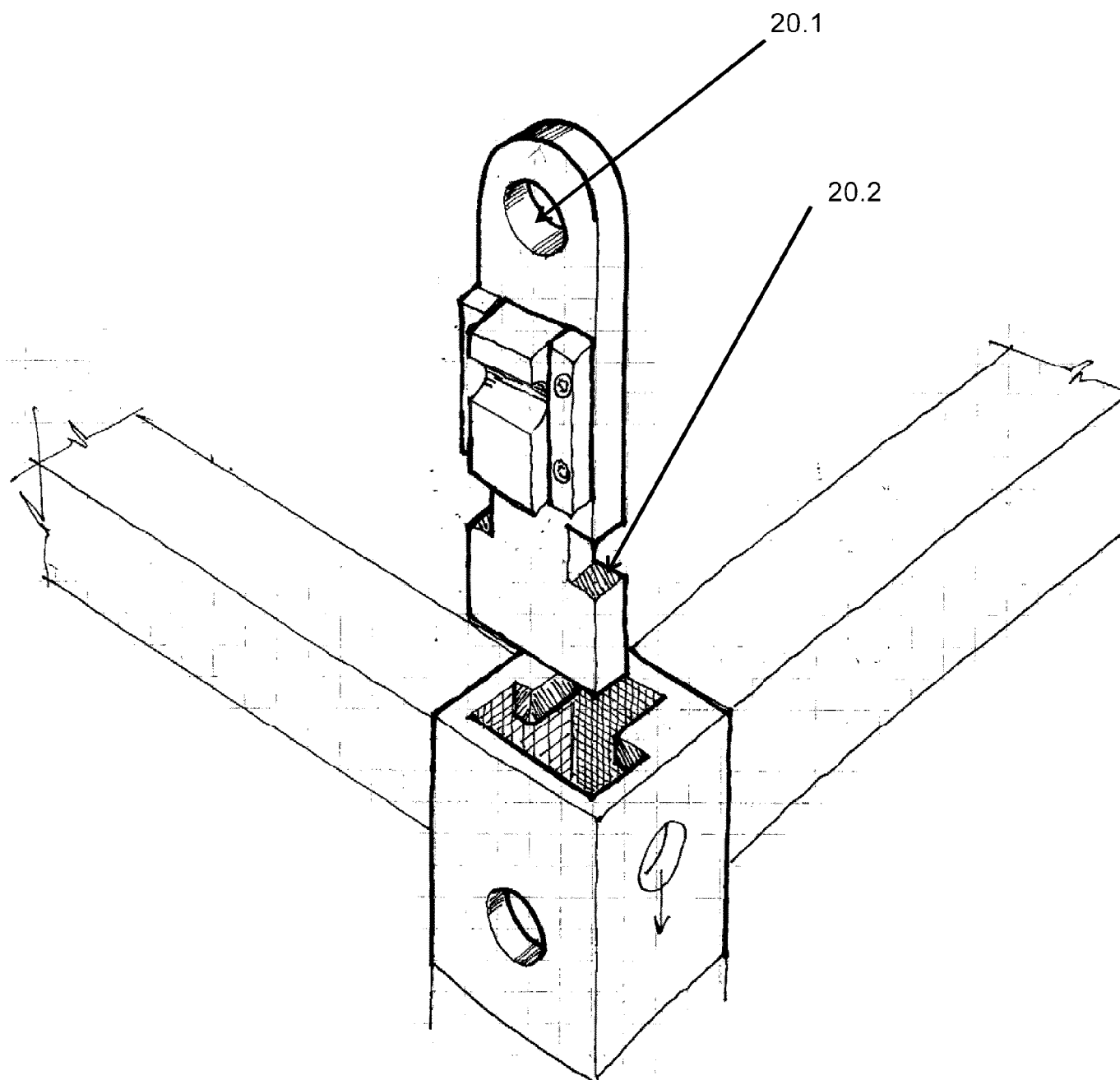
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FIG. 19



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FIG. 20



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FIG. 21

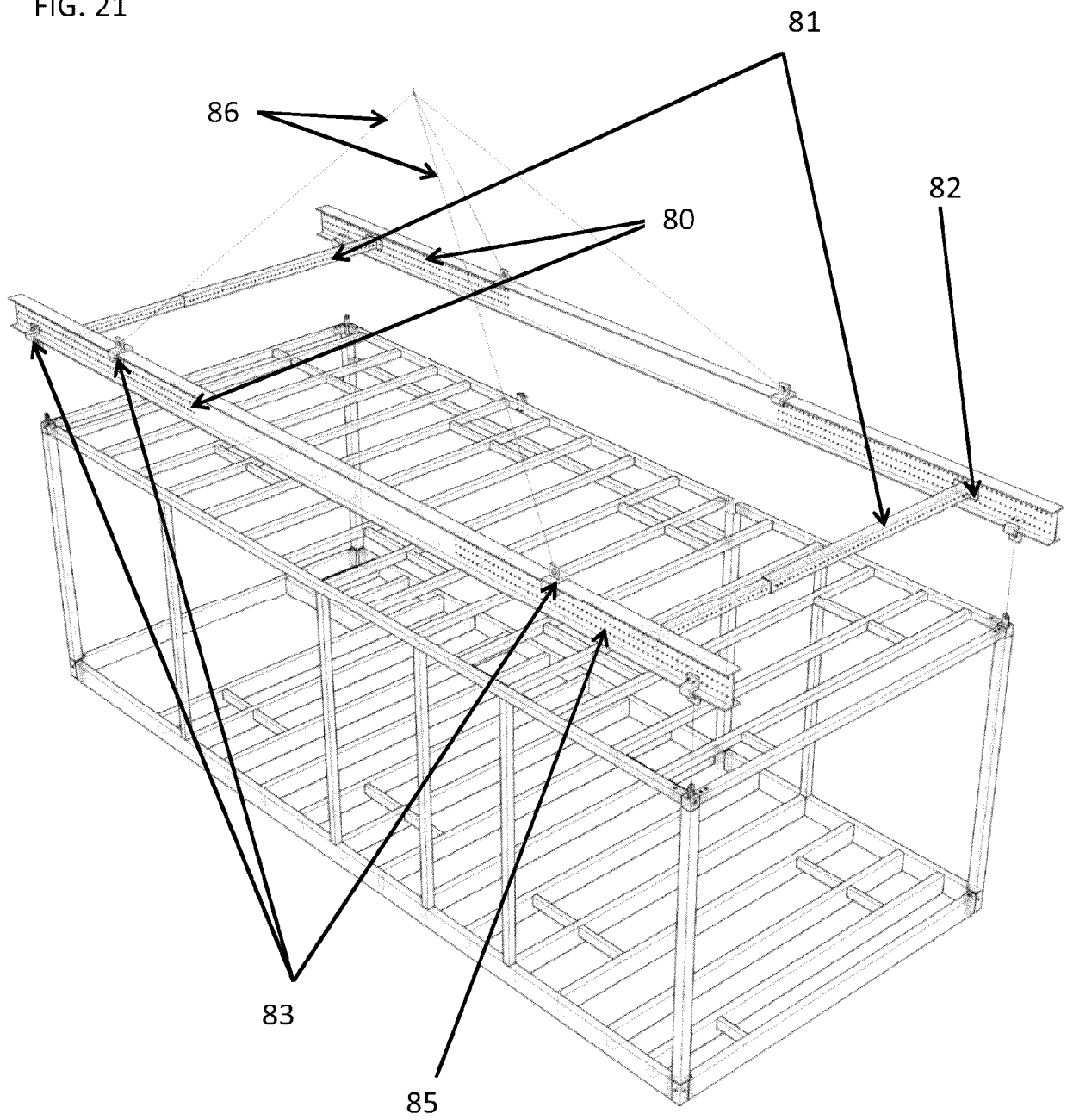


FIG. 22

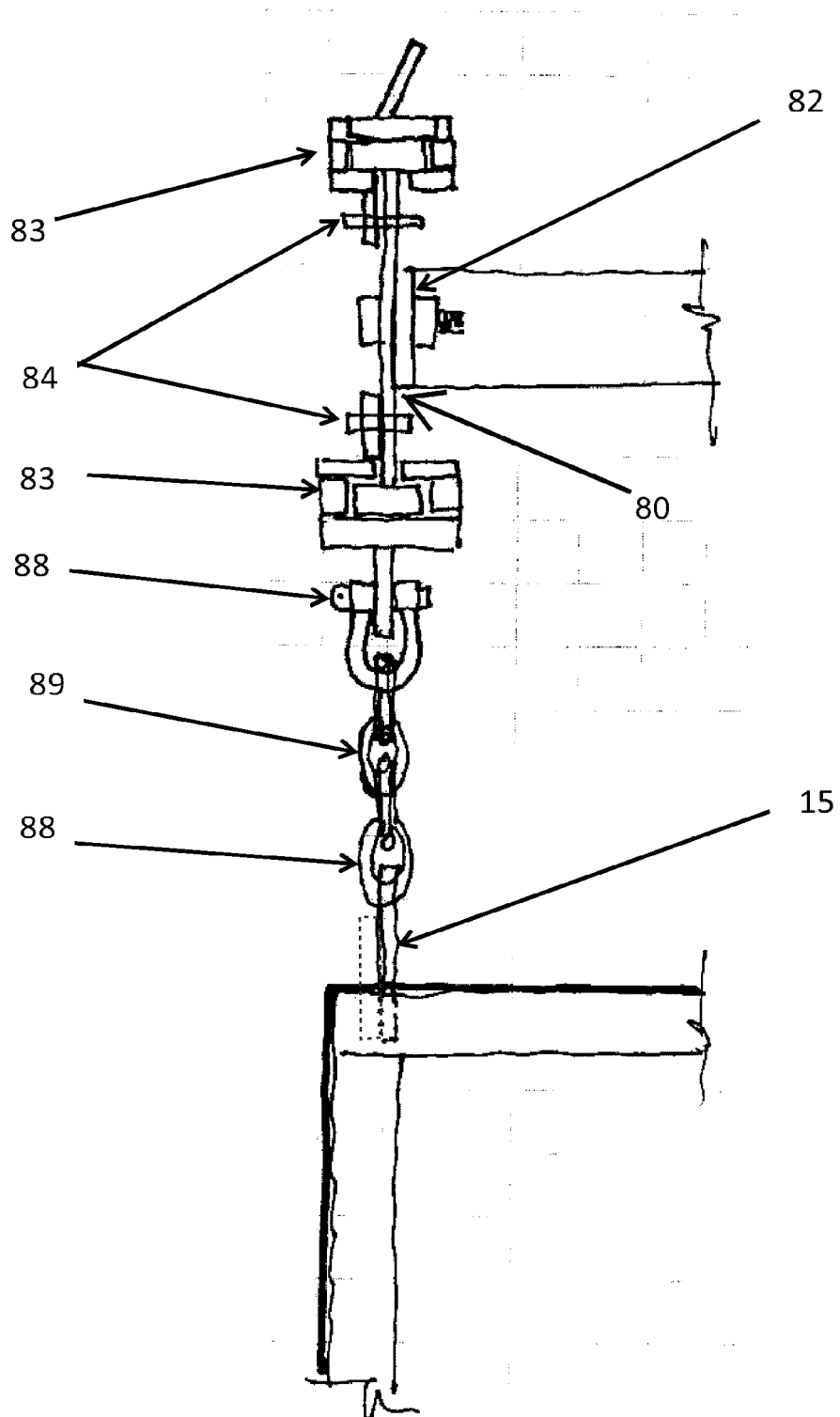


FIG. 23

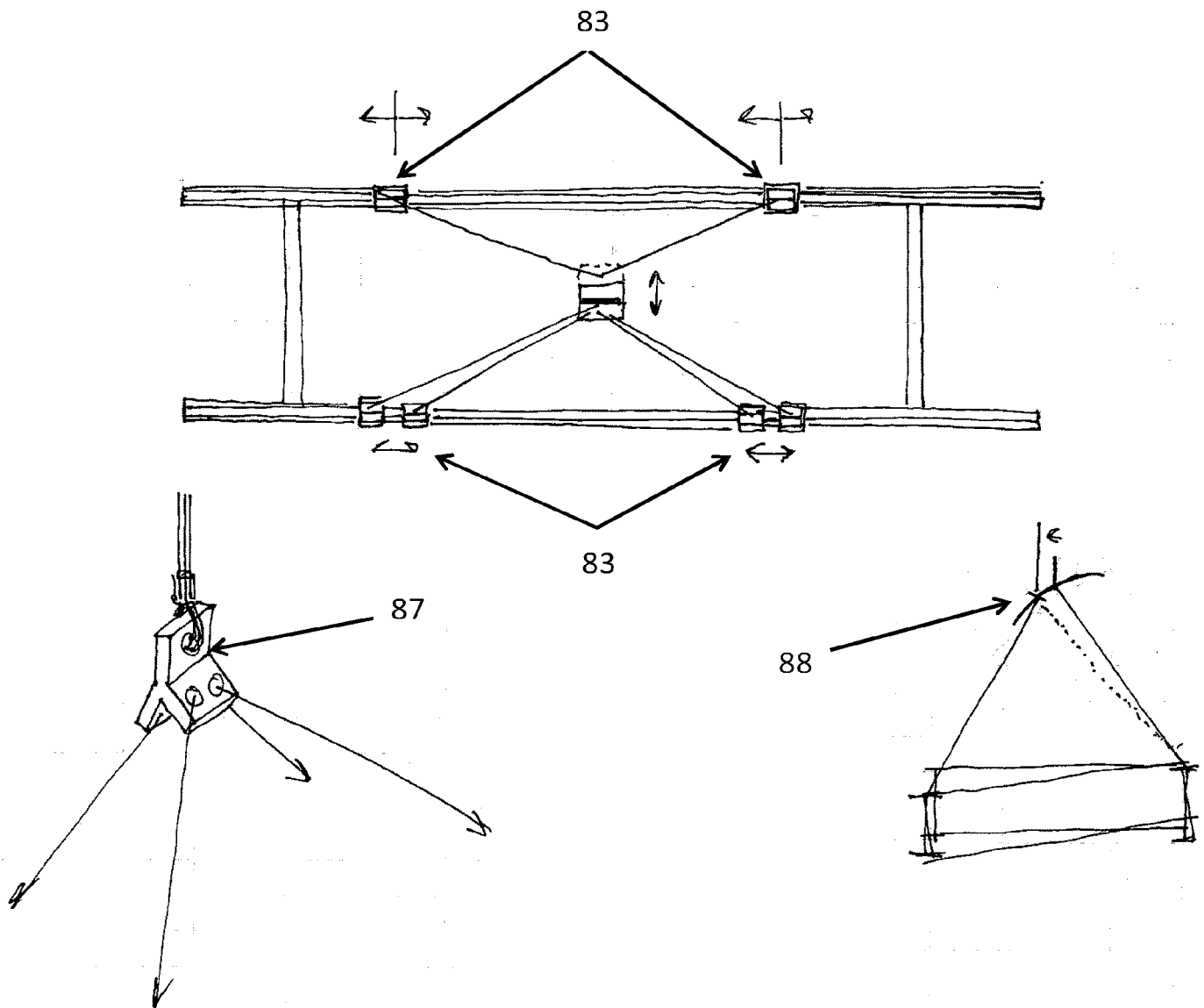


FIG. 23.1

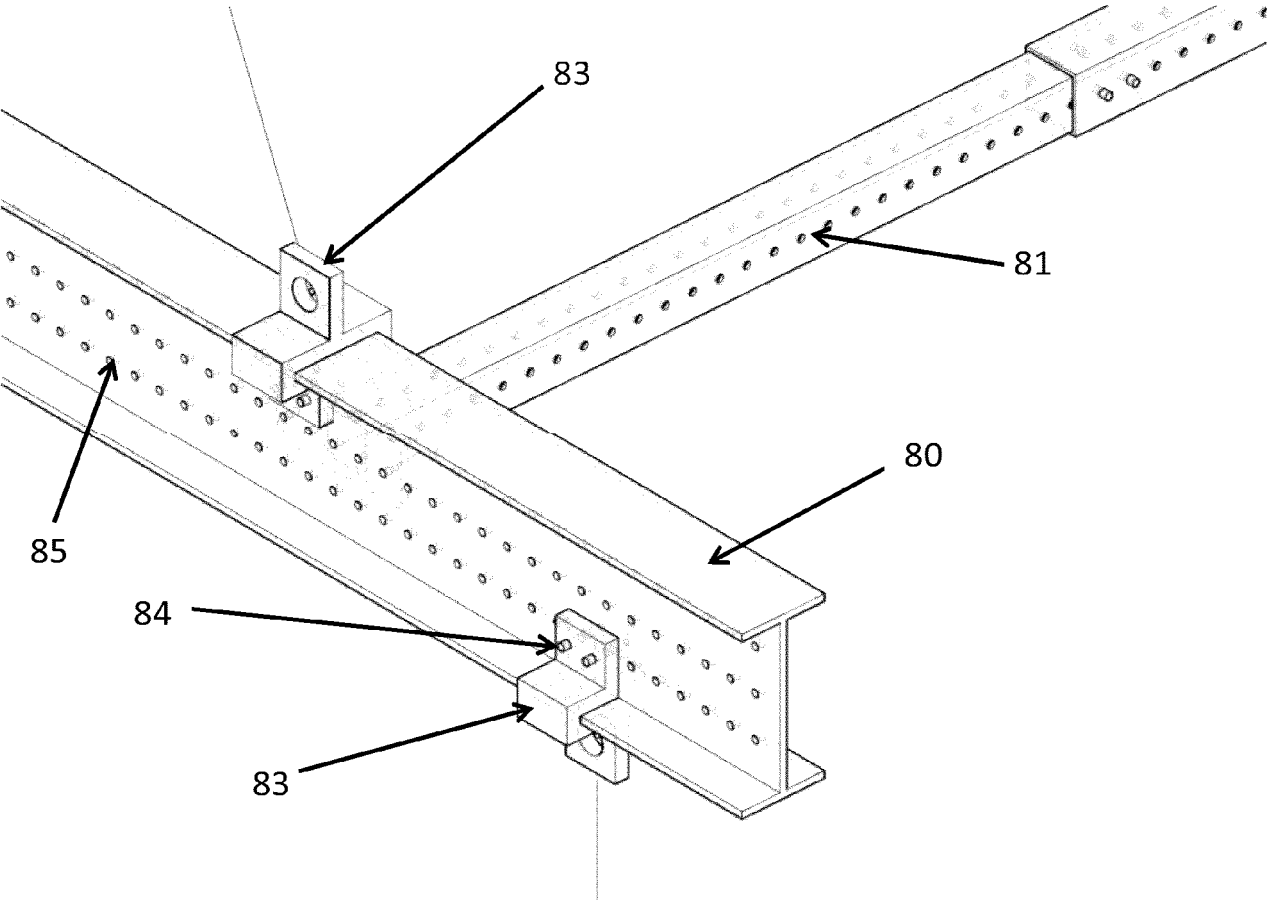


FIG. 21.1

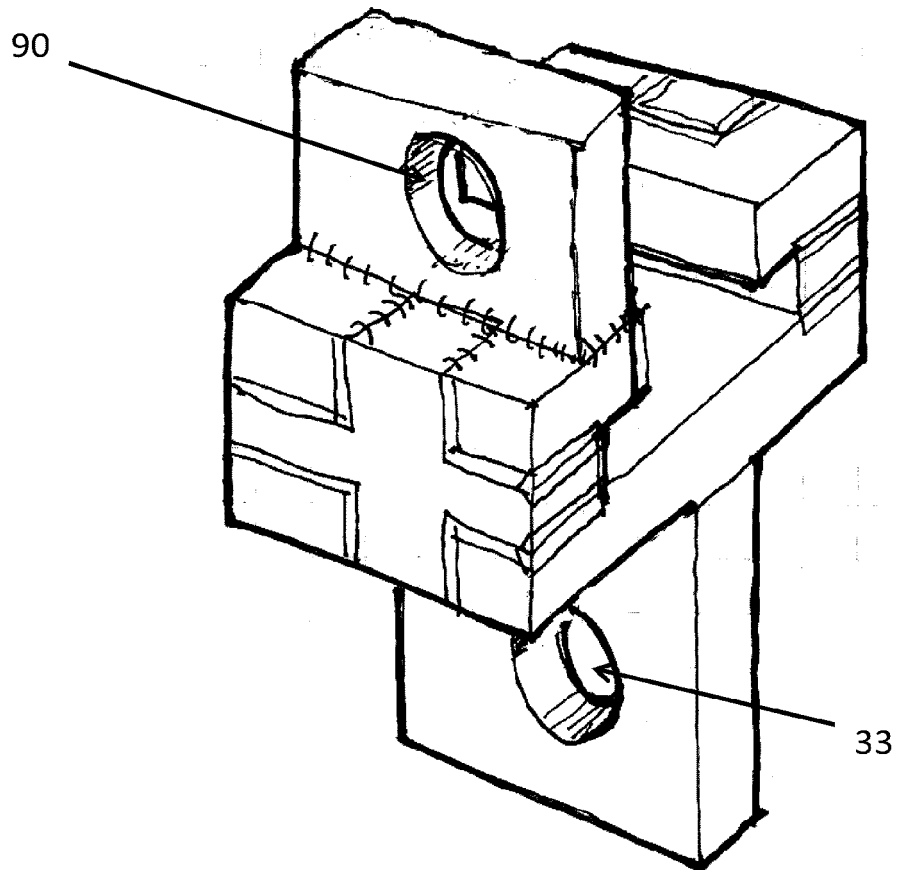


FIG. 24

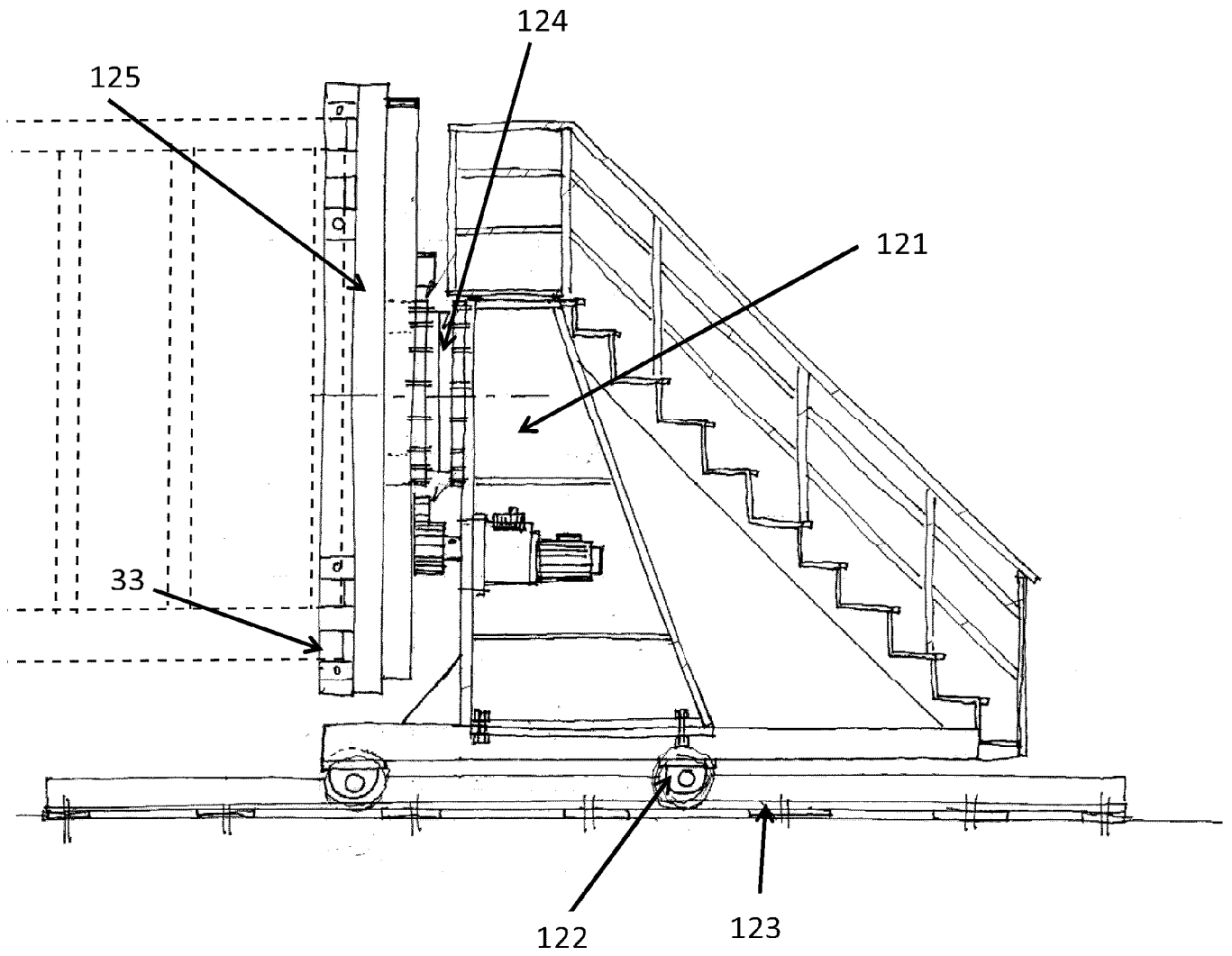
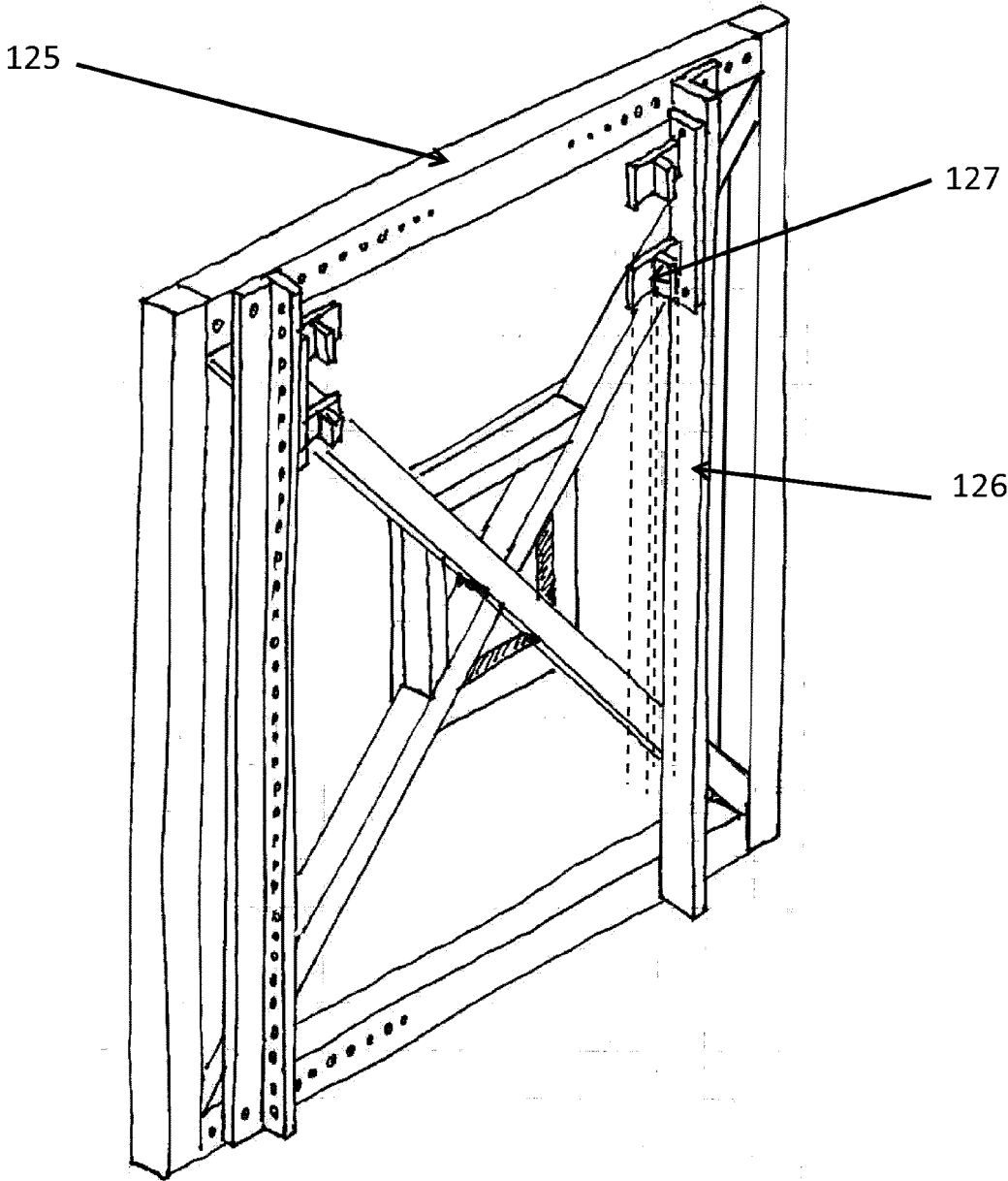


FIG. 25



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FIG. 26

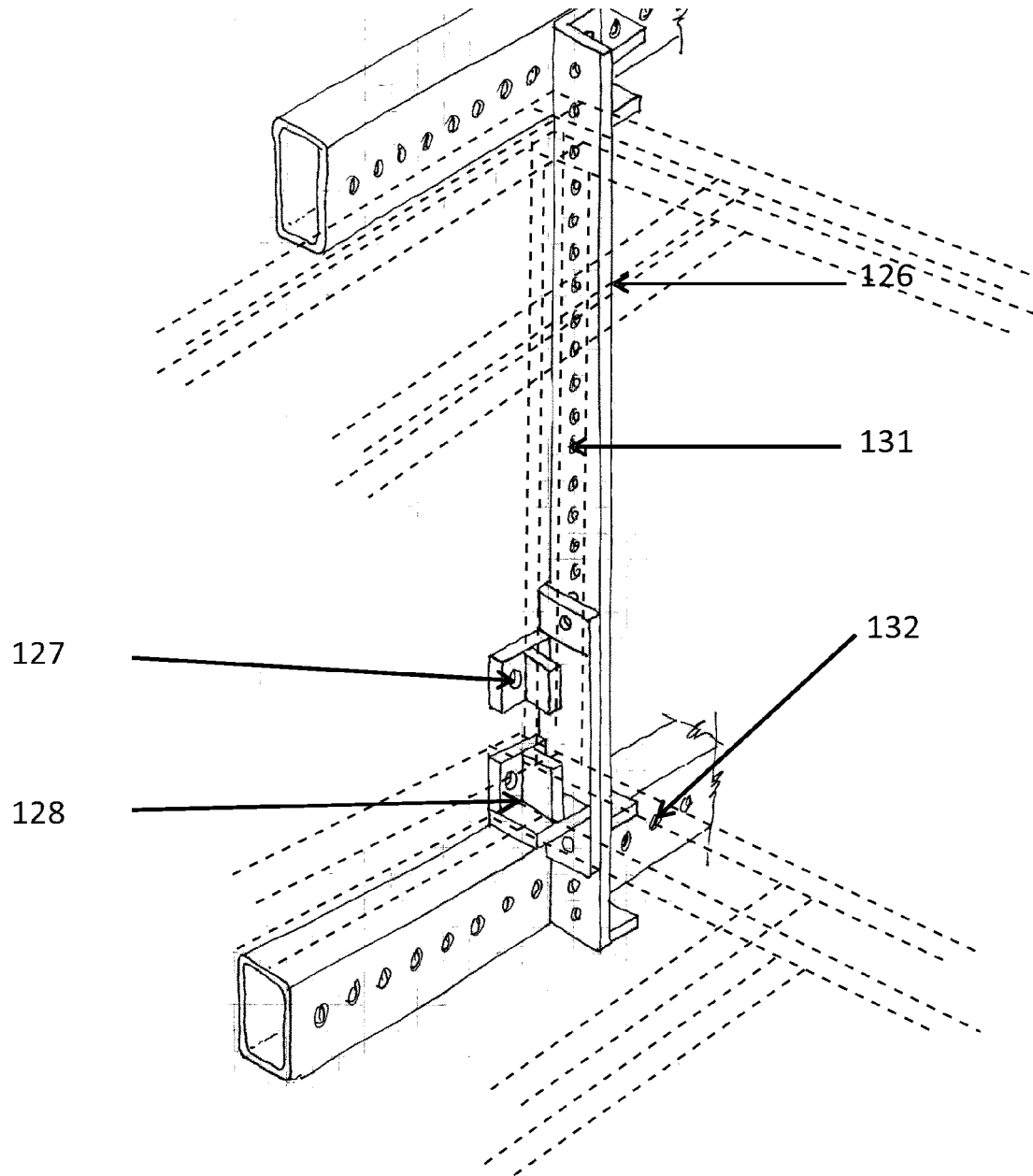


FIG. 27

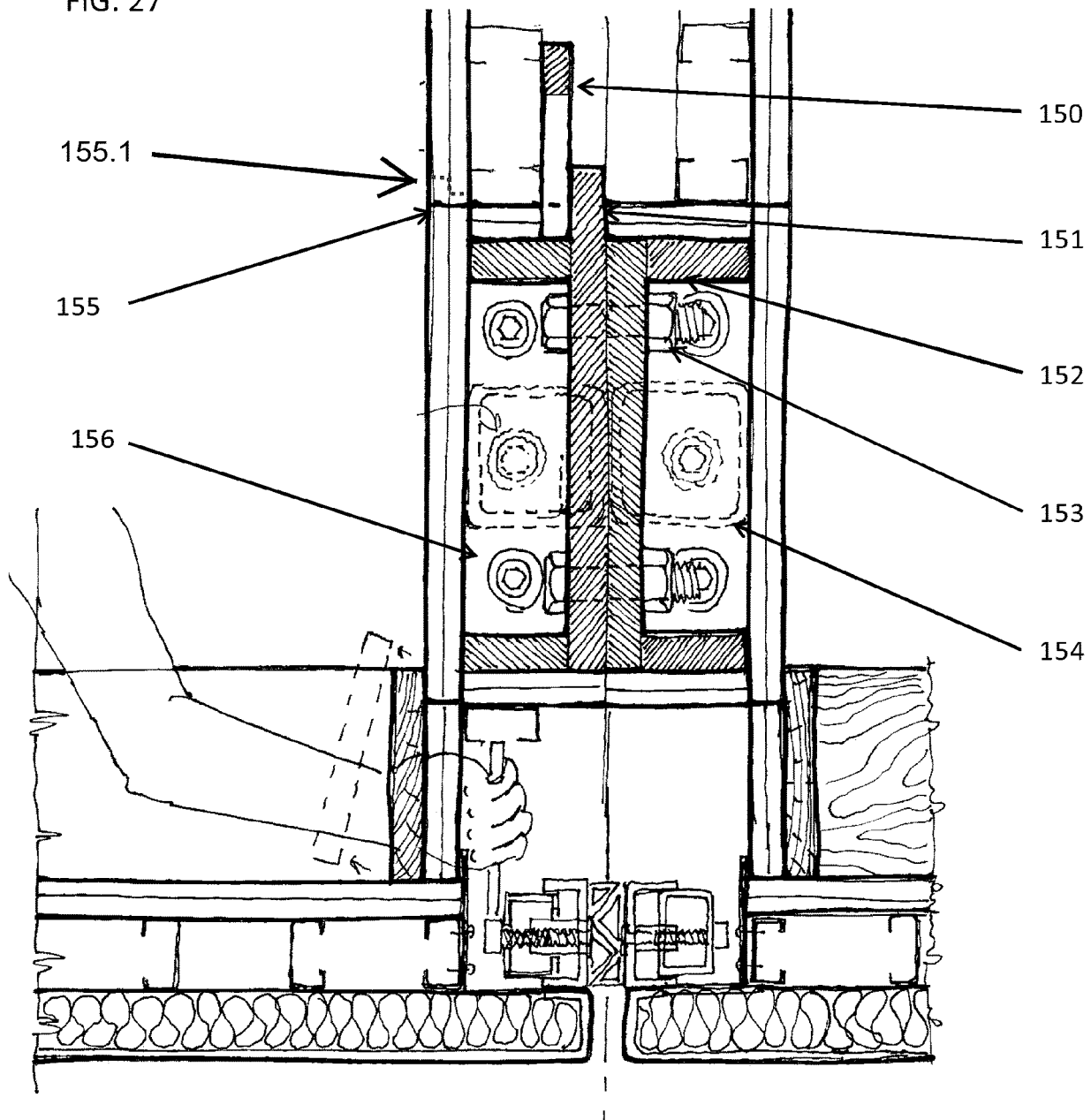
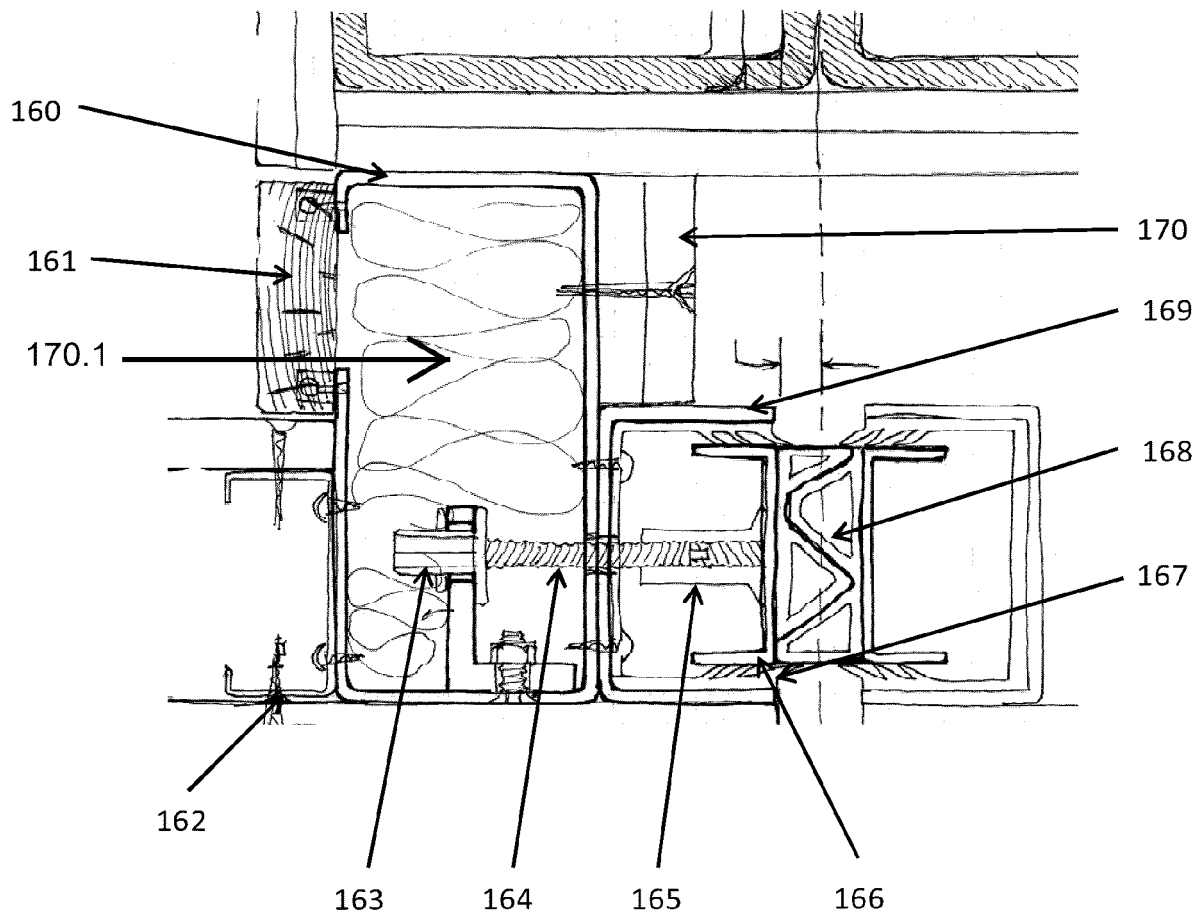
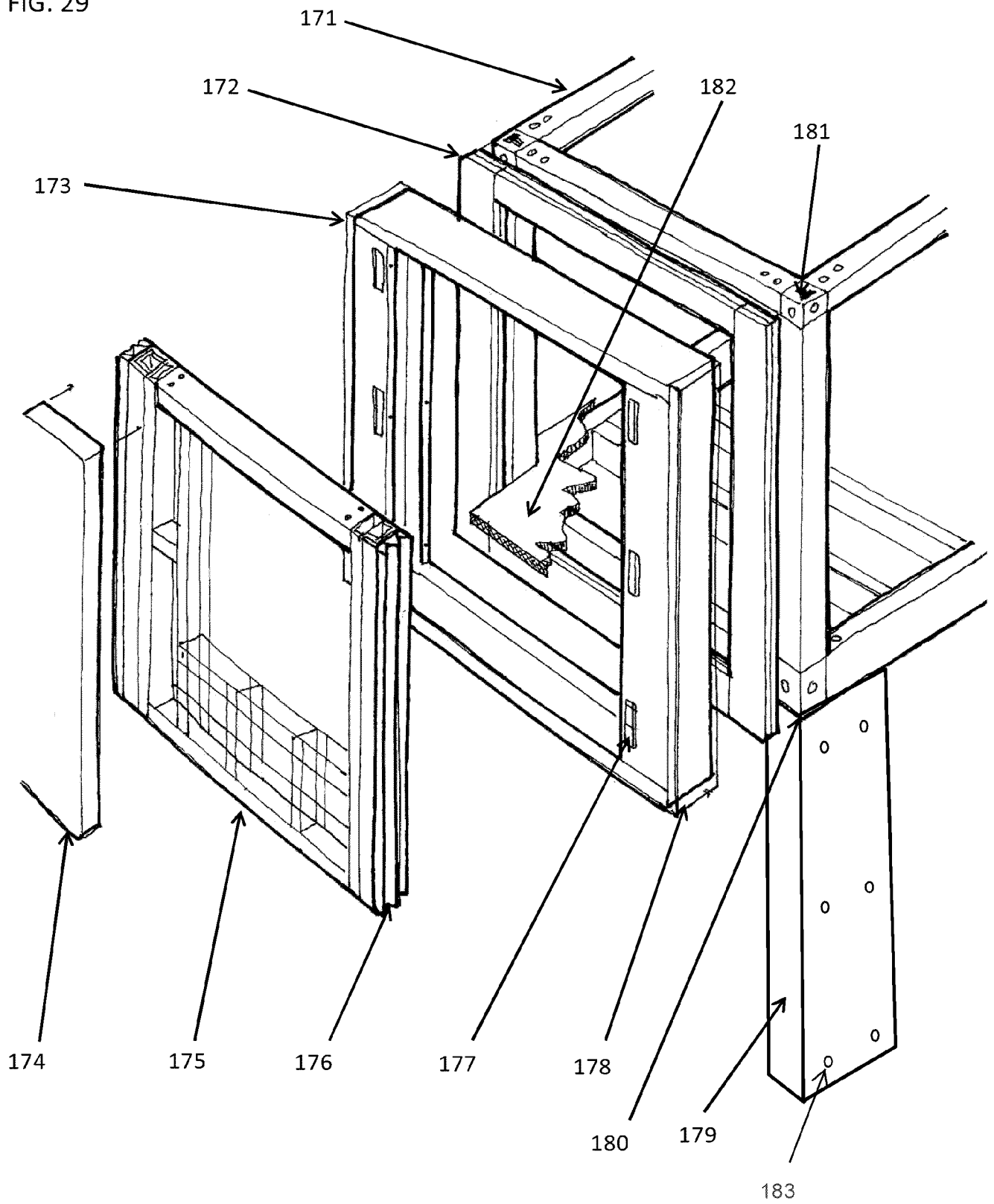


FIG. 28



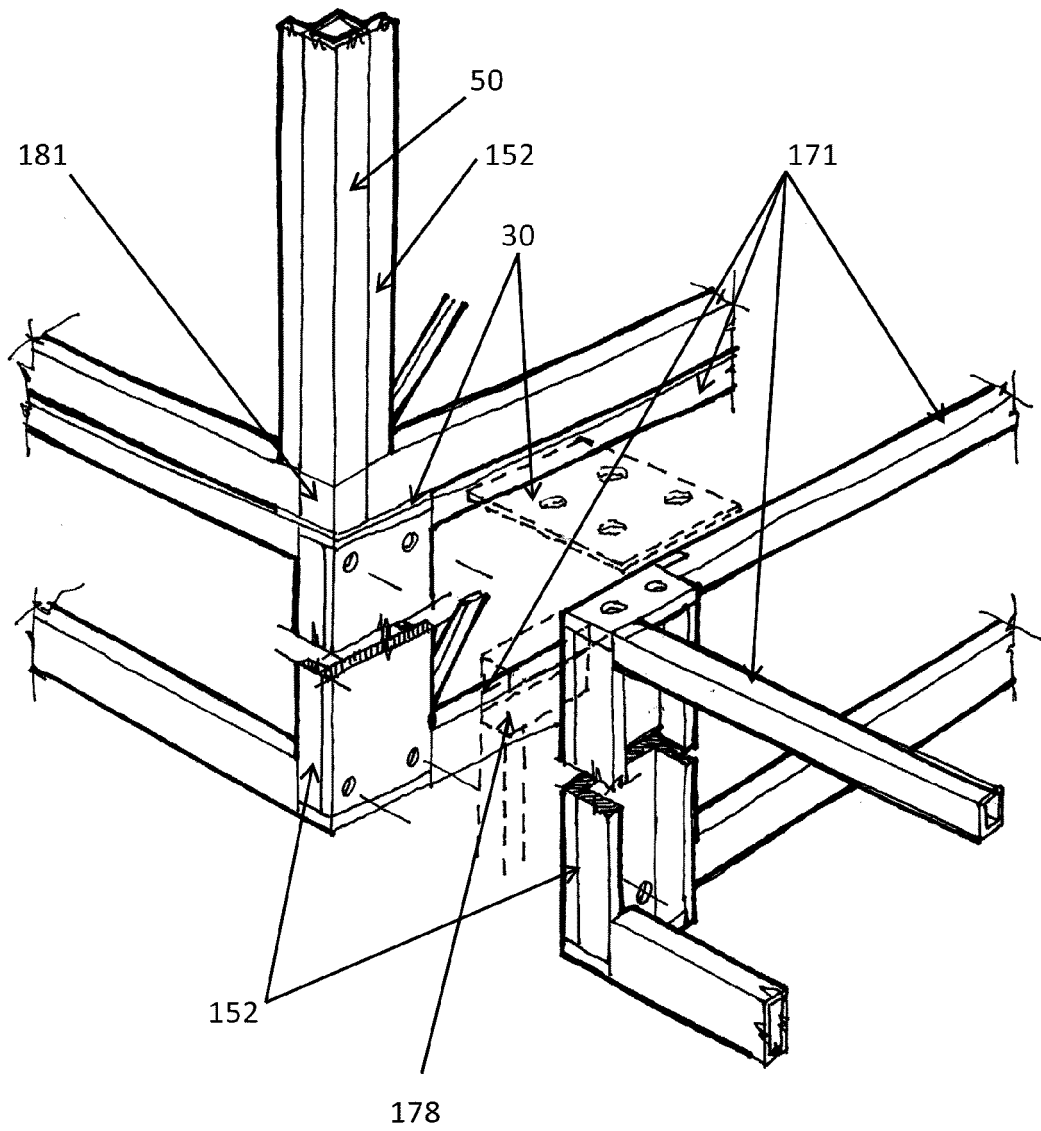
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FIG. 29



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FIG. 30



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FIG. 31

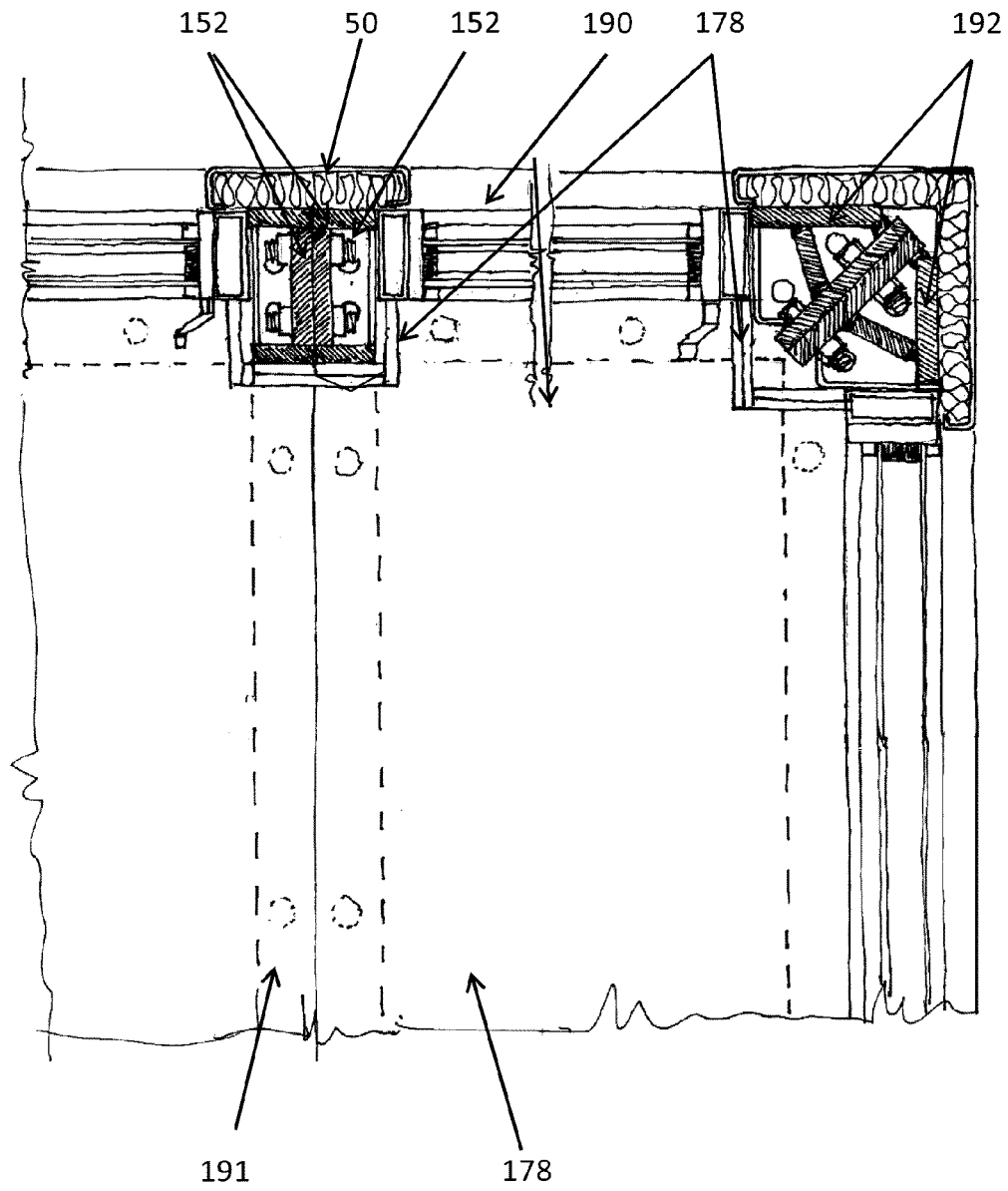


FIG. 32

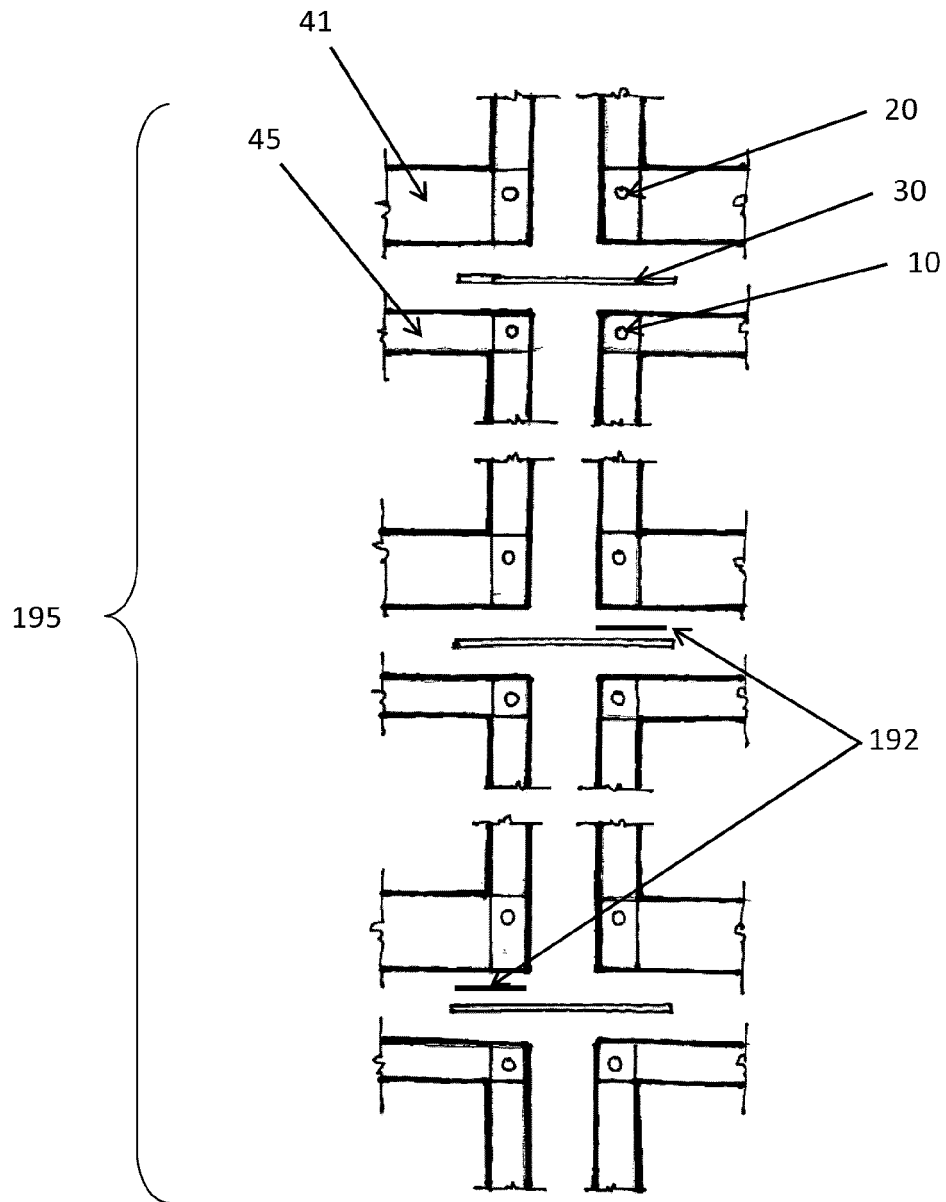


FIG. 33

