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FIG. 1 (Prior Art)

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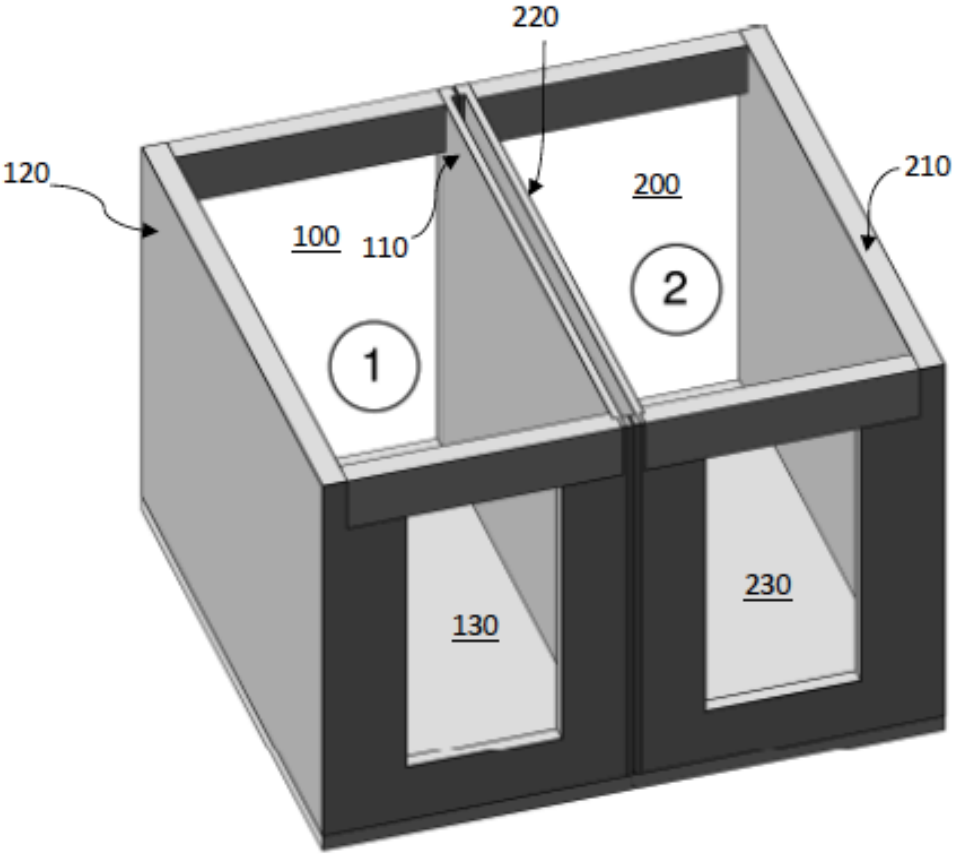


FIG. 2

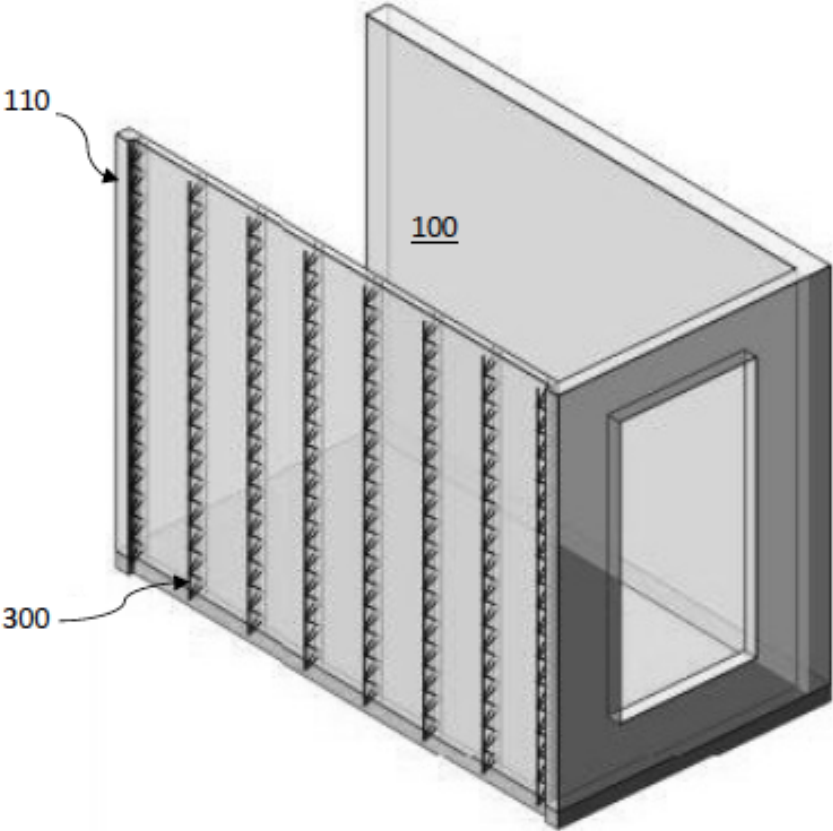


FIG. 3

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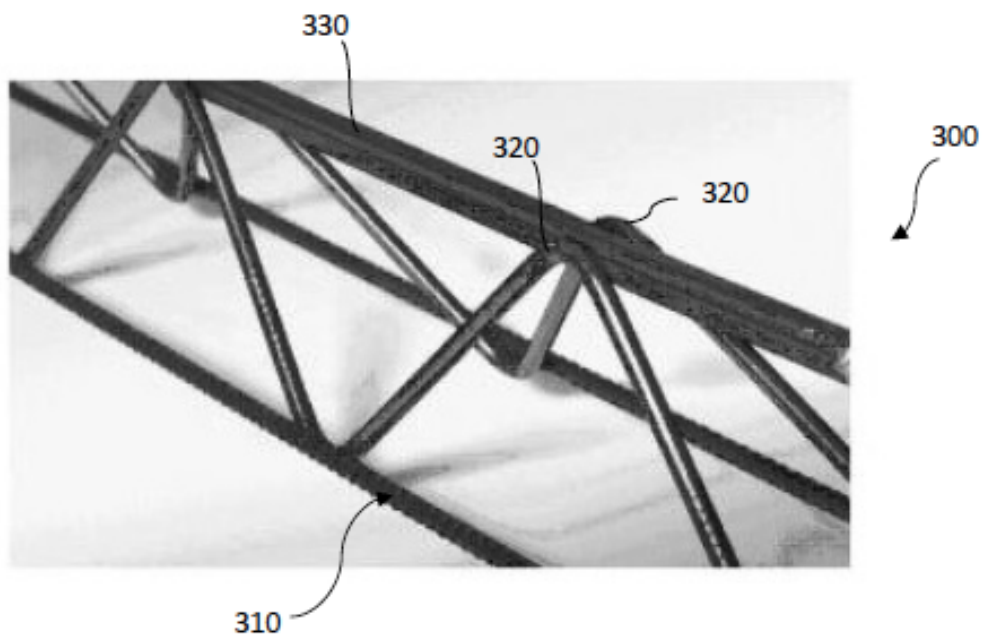


FIG. 4

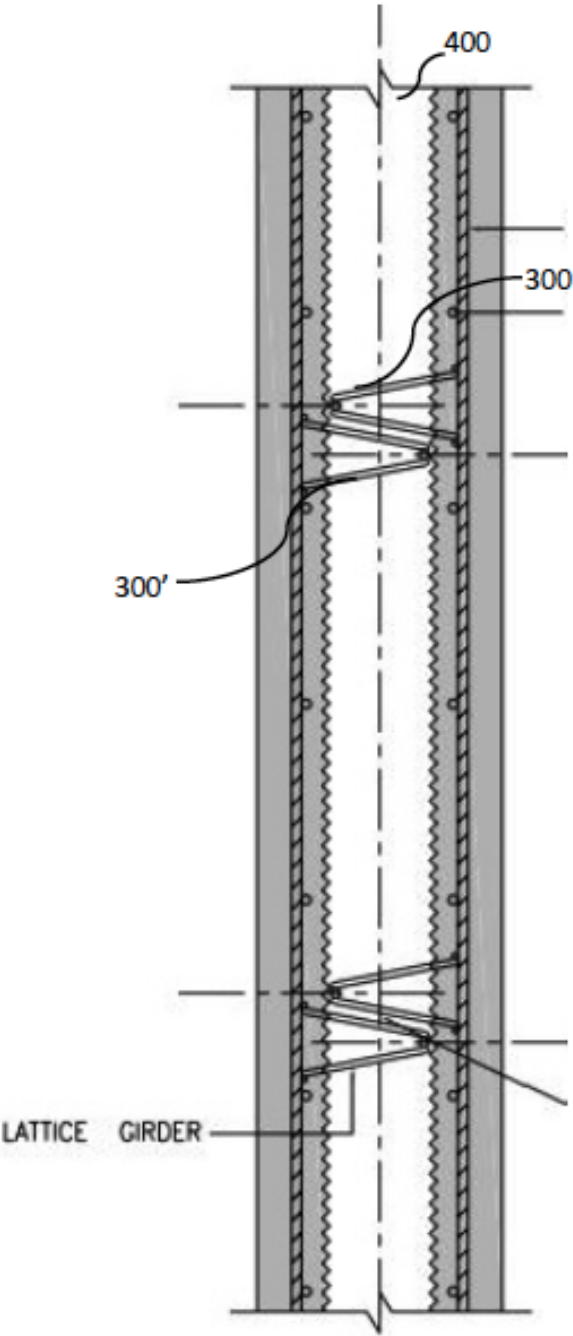


FIG. 5

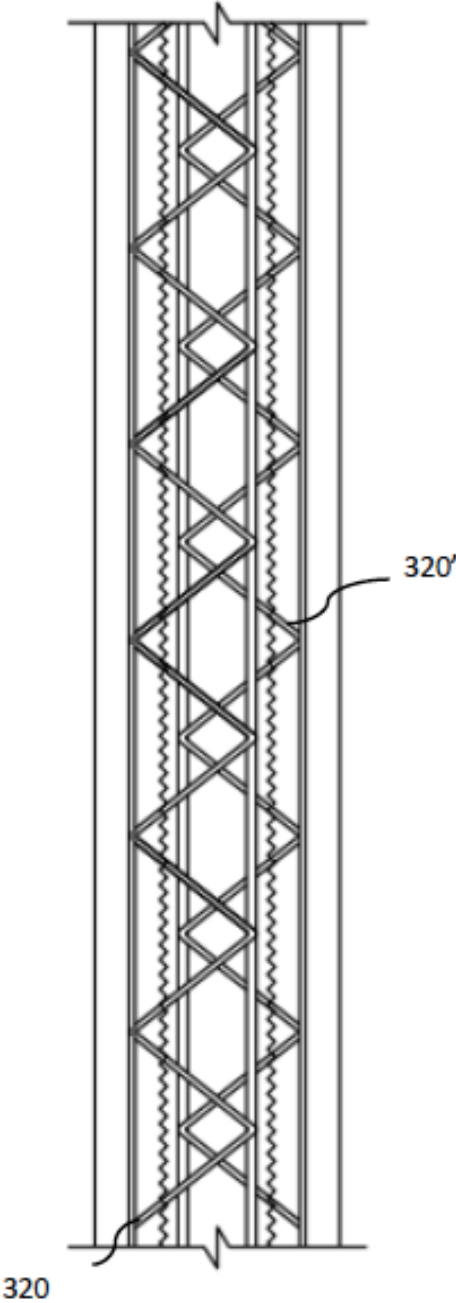


FIG. 6

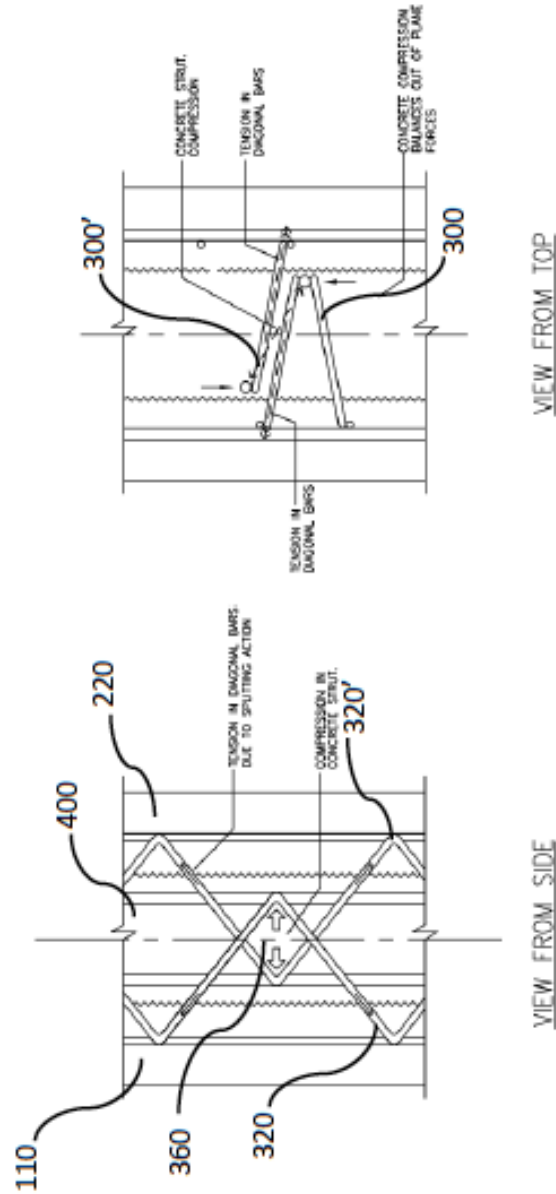
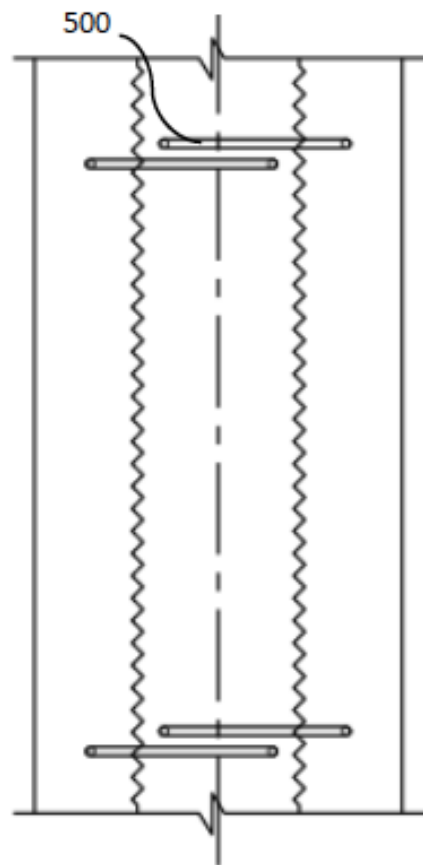


FIG. 7B

FIG. 7A

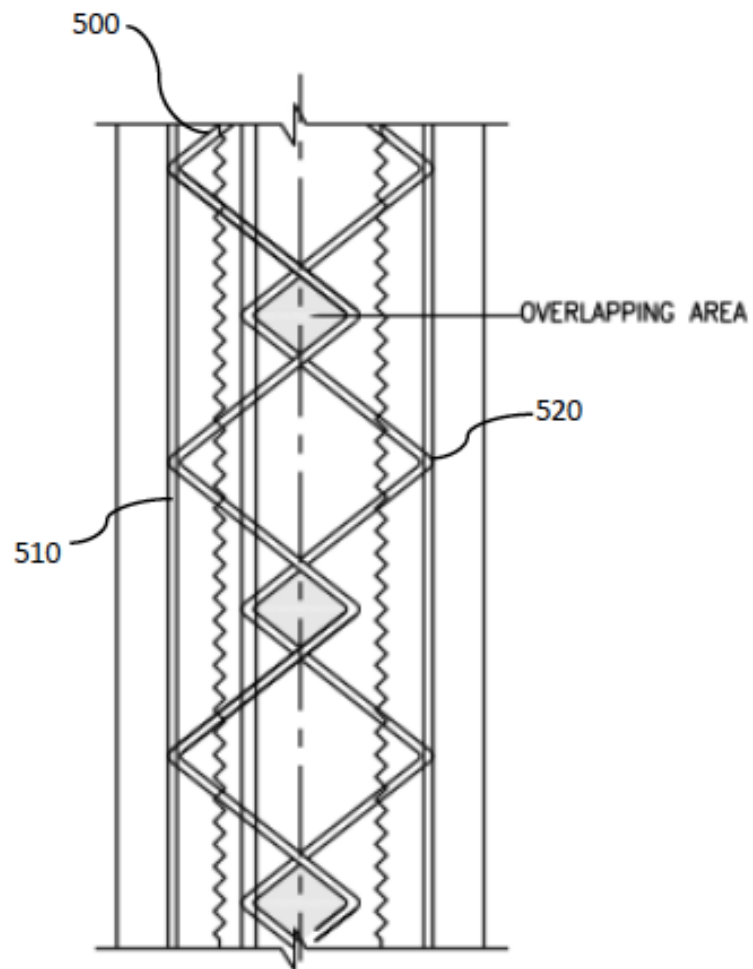
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VIEW FROM TOP

FIG. 8A

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VIEW FROM SIDE

FIG. 8B

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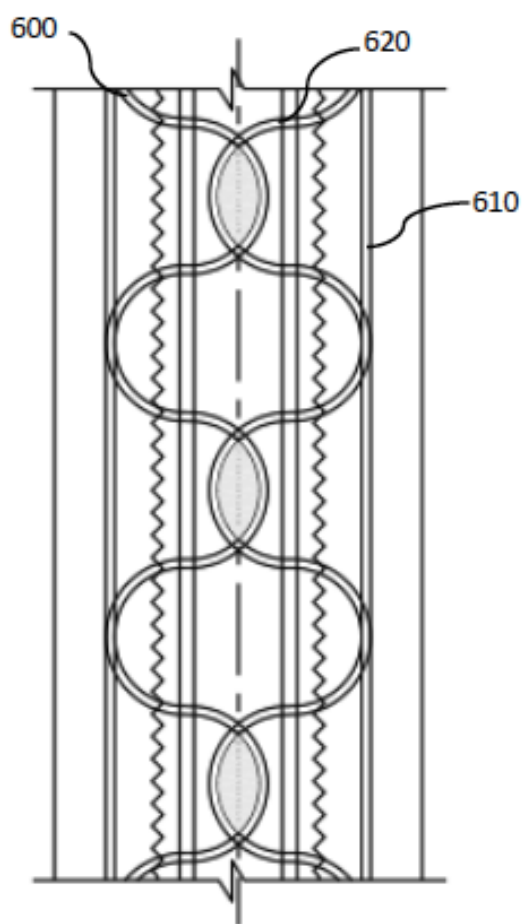


FIG. 9

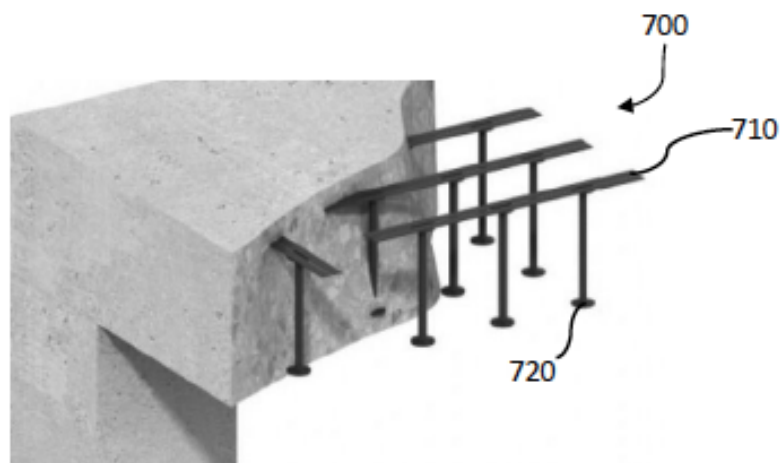
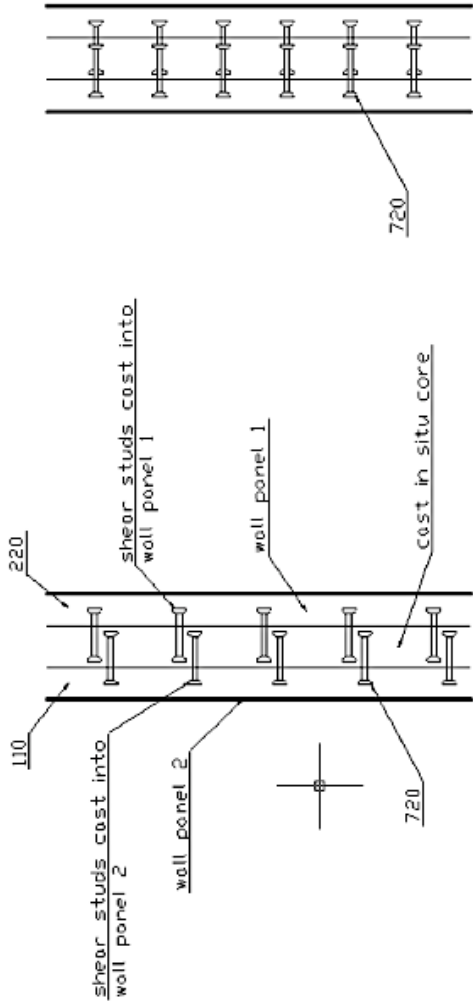
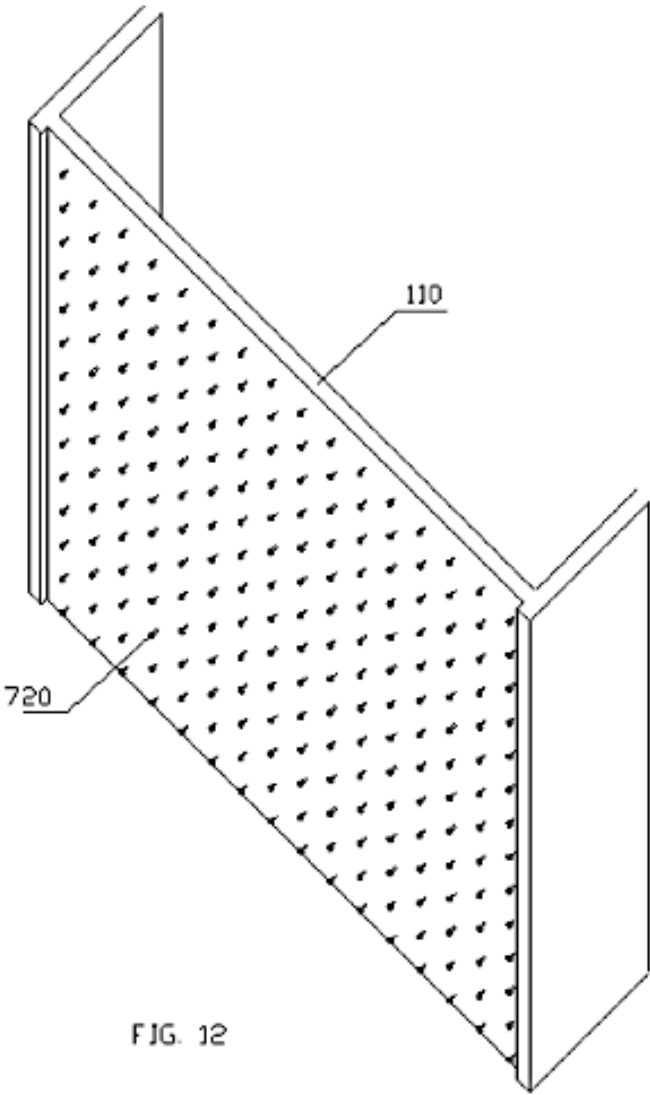


FIG. 10

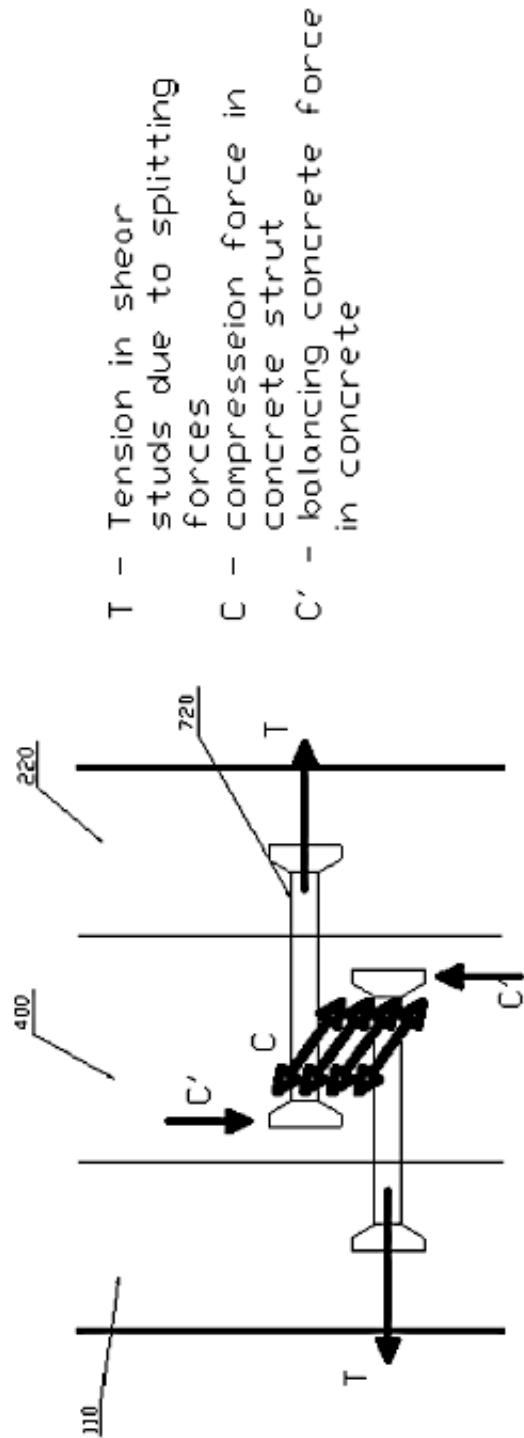


BLOW UP VIEW OF
SHEAR STUDS FROM TOP
FIG 11A

VIEW OF
SHEAR STUDS FROM SIDE
FIG 11B

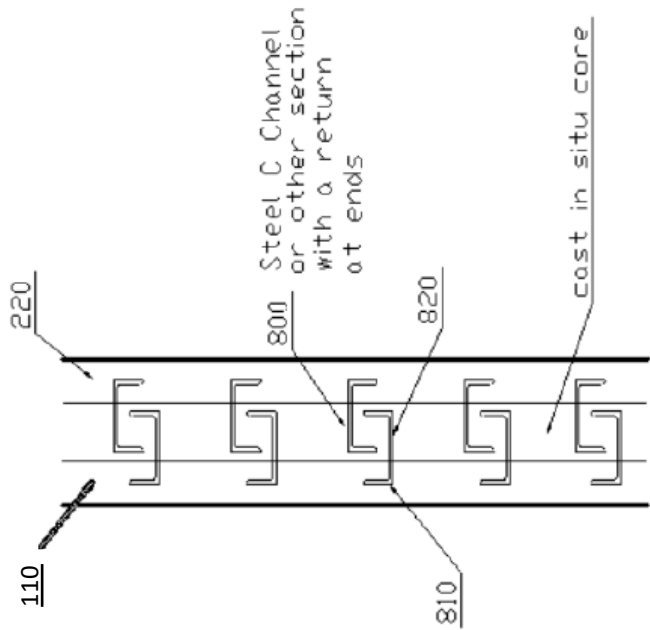


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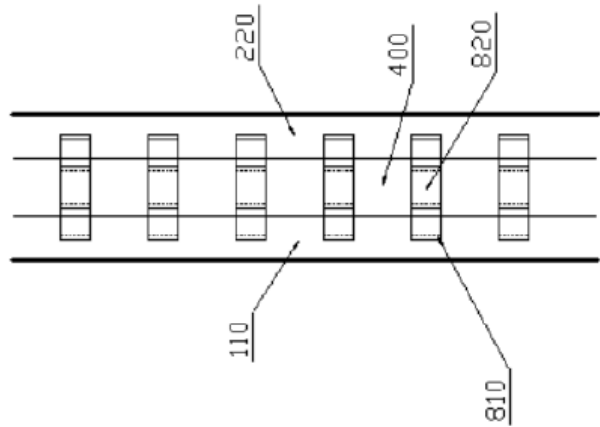
STRUCTURAL ACTION OF
OVERLAPPING SHEAR STUDS
FIG 13

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VIEW FROM TOP

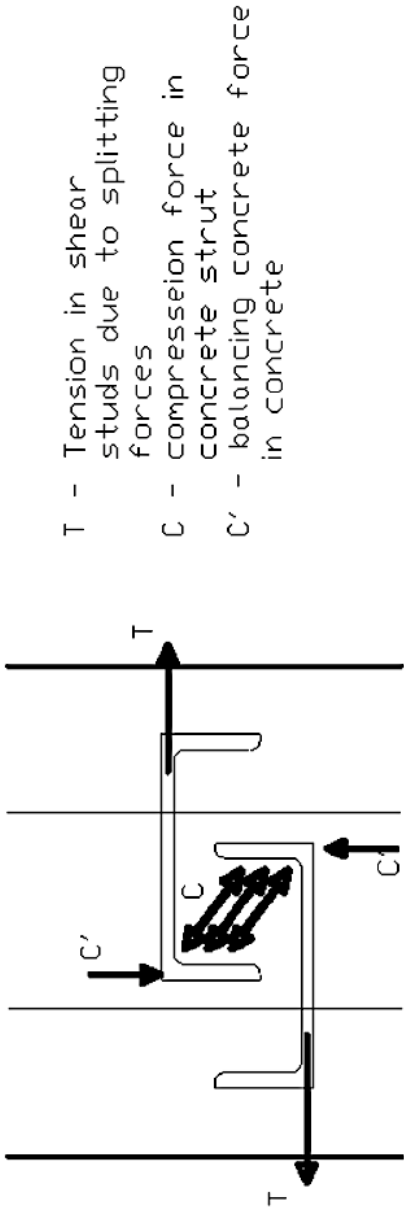
FIG 14A



VIEW FROM SIDE

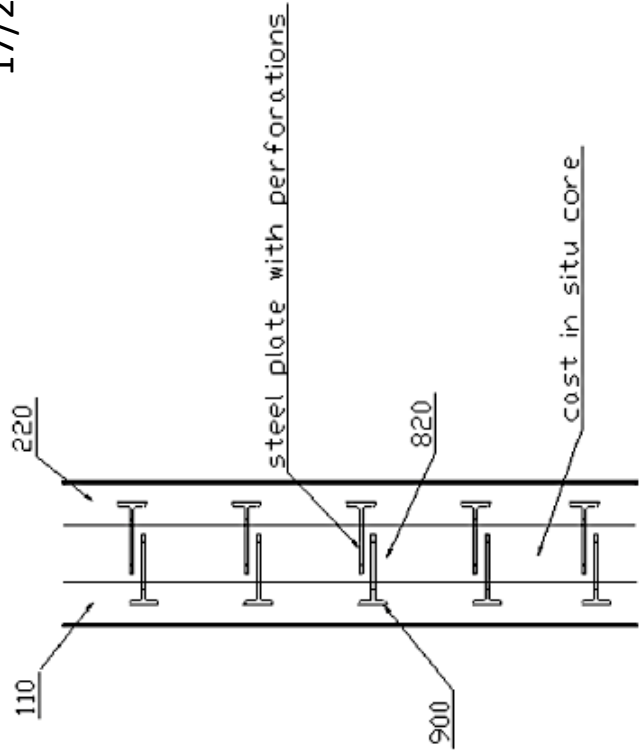
FIG 14B

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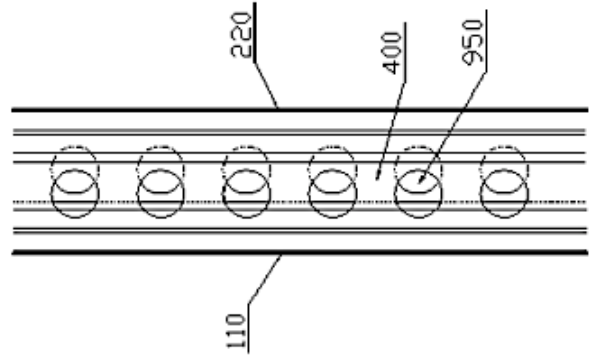
STRUCTURAL ACTION OF
OVERLAPPING SHEAR STUDS

FIG 14C



VIEW FROM TOP

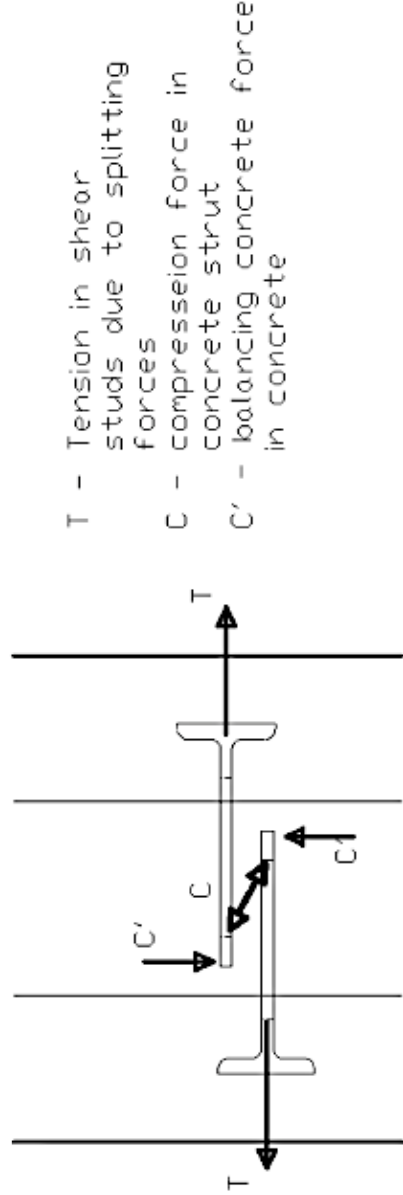
FIG 15A



VIEW FROM SIDE

FIG 15B

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STRUCTURAL ACTION OF
2 PERFORATED PLATES SIDE BY SIDE

FIG 15C

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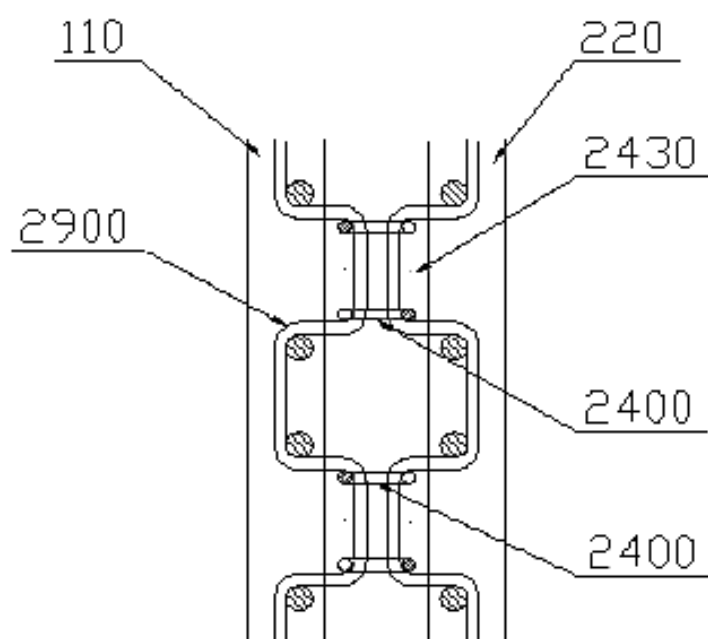


FIG 15D TOP VIEW

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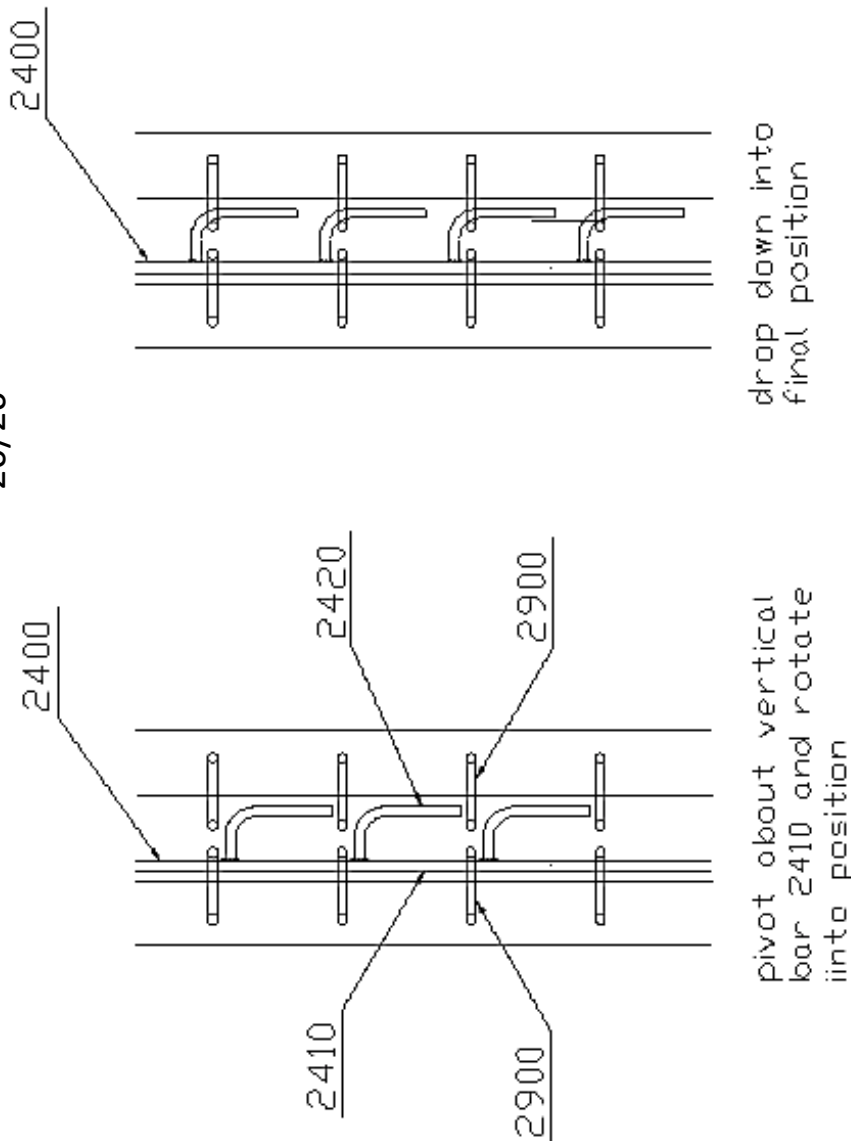
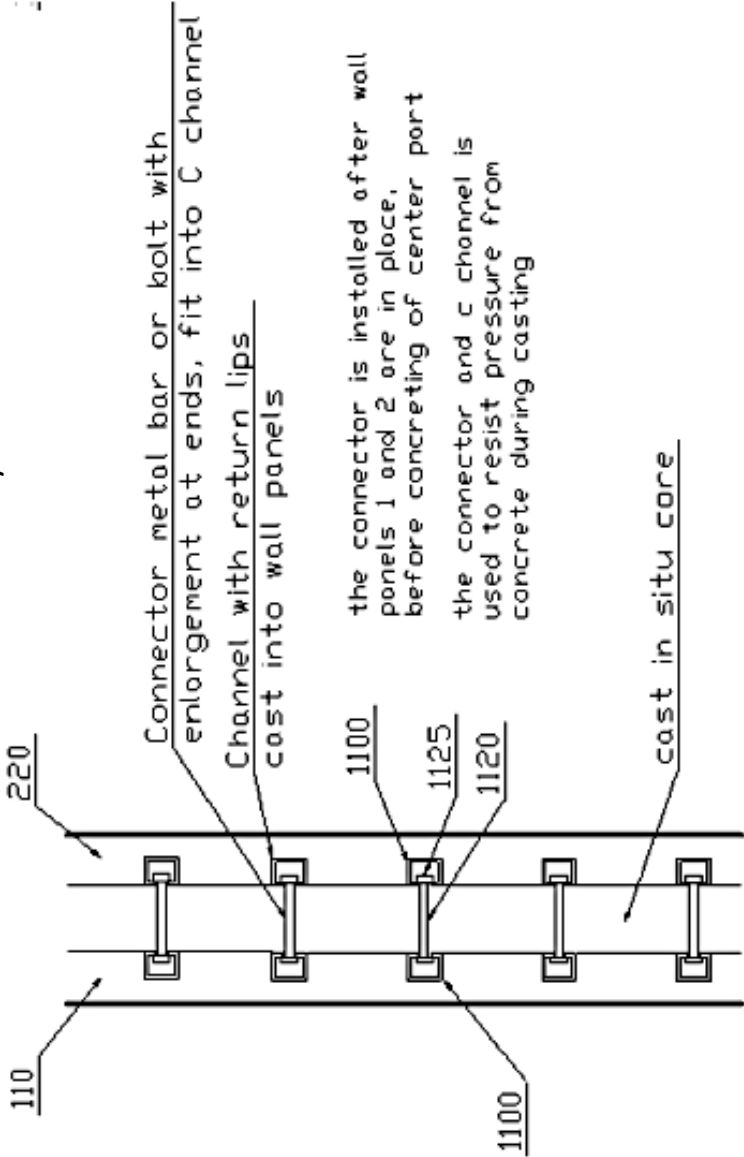


FIG 15E SIDE VIEW

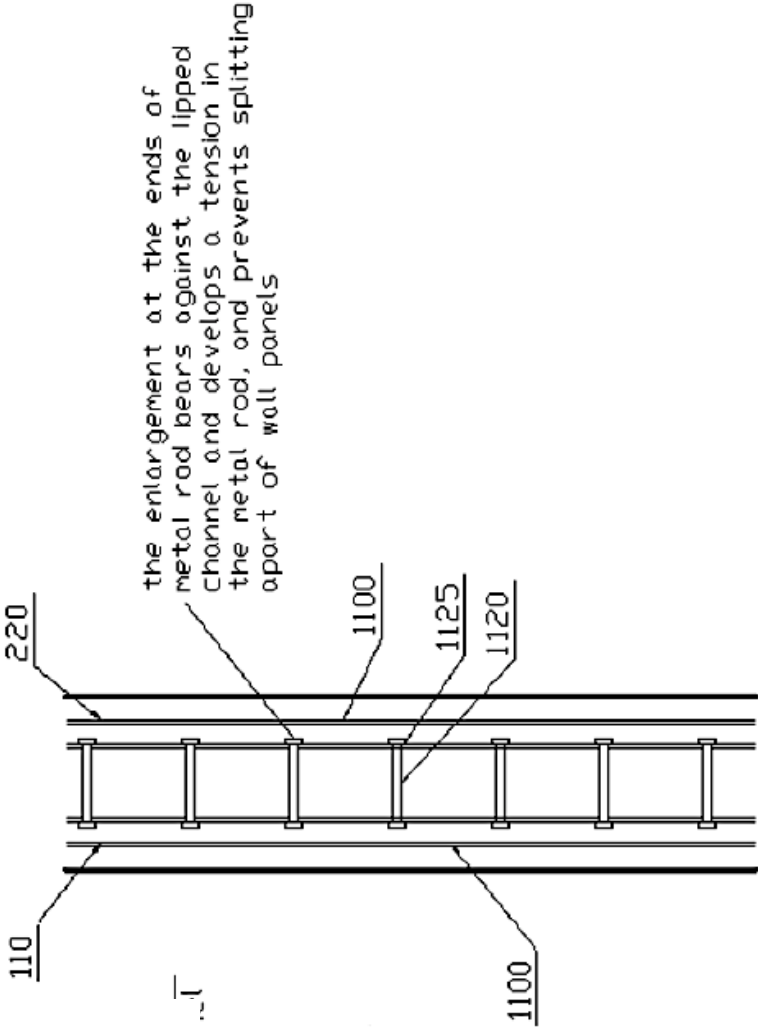
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VIEW FROM TOP

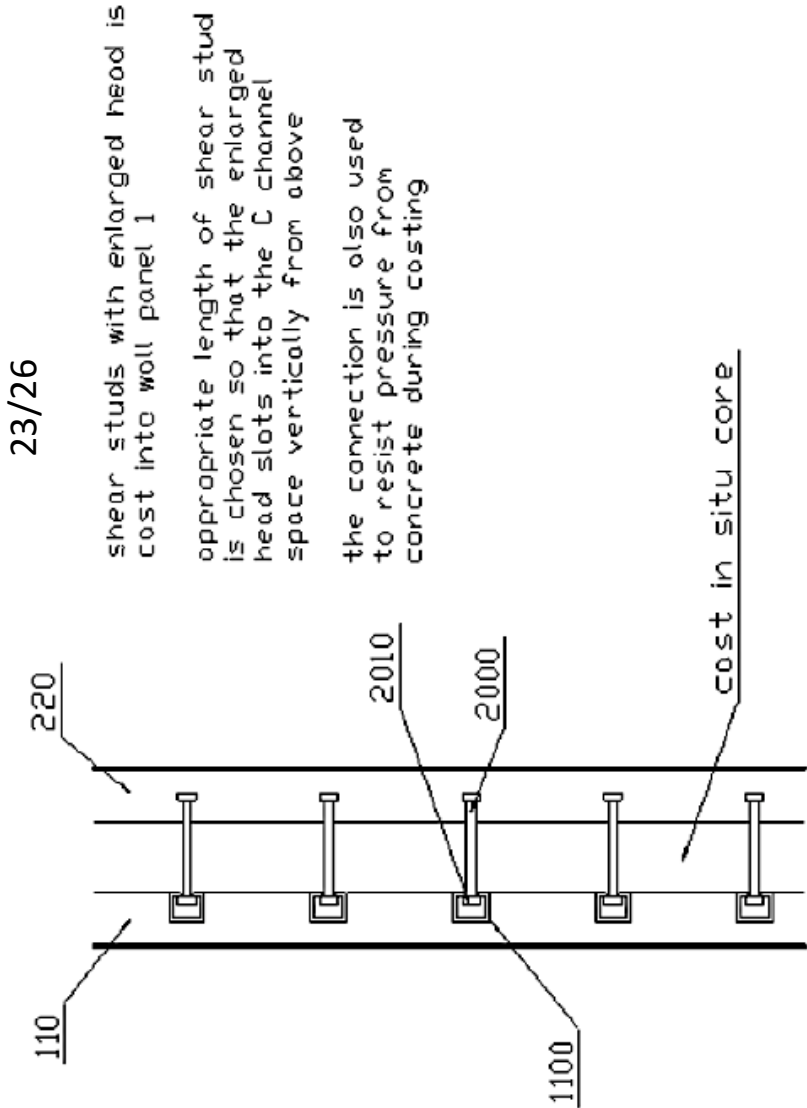
FIG 16A

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VIEW FROM SIDE

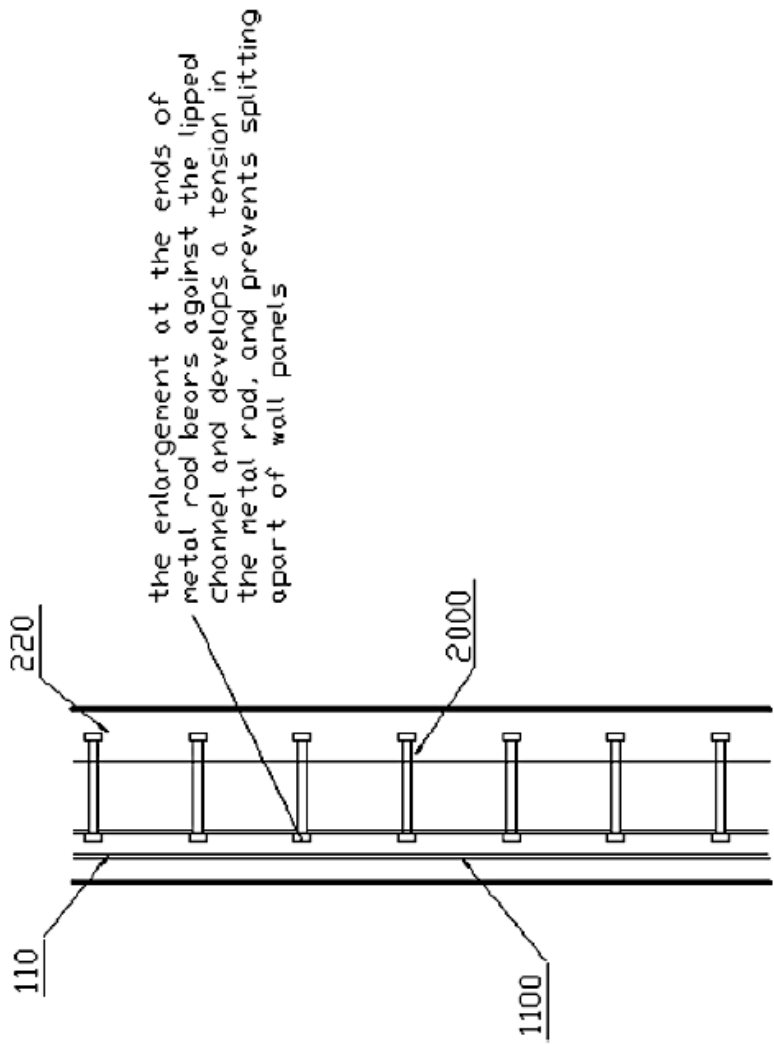
FIG 16B



VIEW FROM TOP

FIG 17A

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VIEW FROM SIDE

FIG 17B

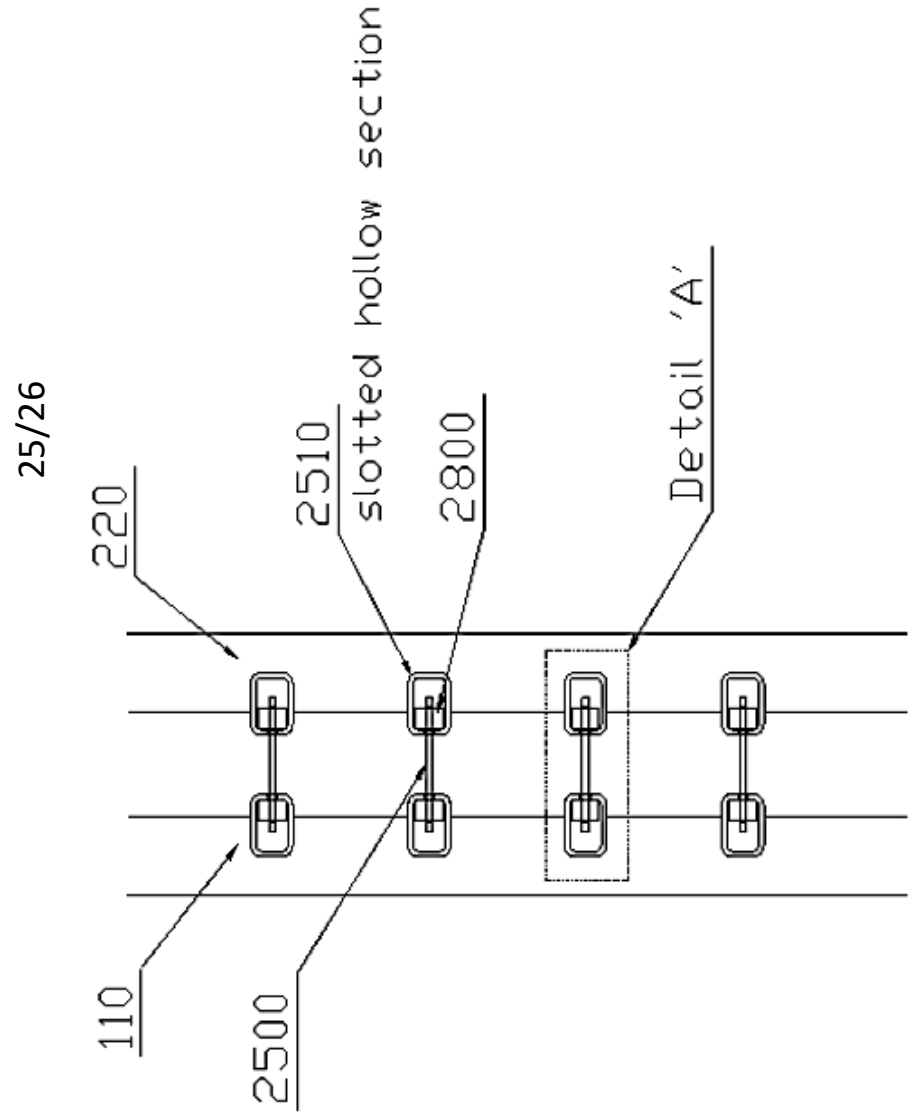


FIG. 18A

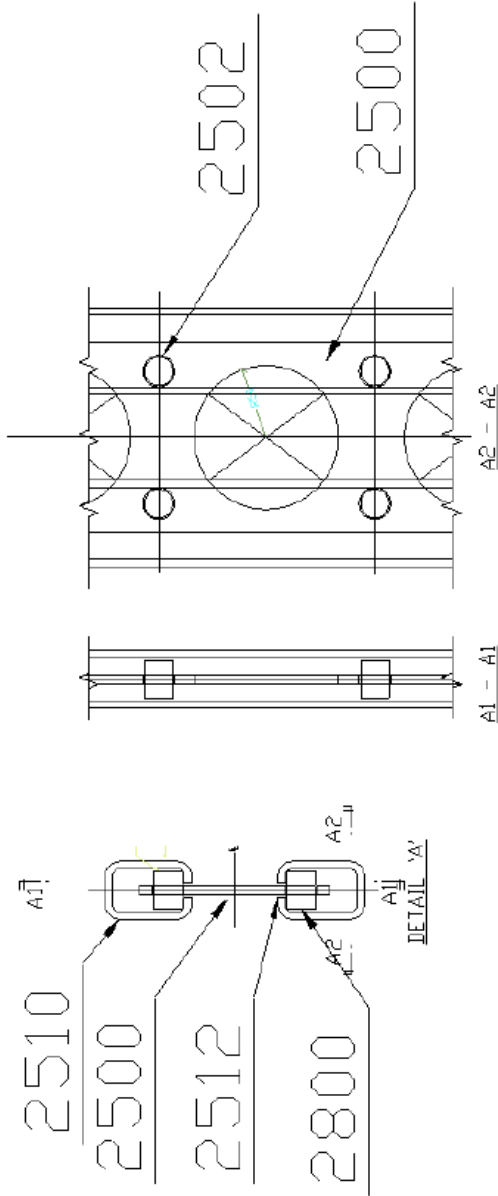


FIG. 18B