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(71) Applicant (for all designated States except US): **INTEGRATED OFFSHORE TECHNOLOGIES PTE LTD**
[SG/SG]; 1 Coleman Street #06-04, The Adelphi, Singapore 179803 (SG).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **GIBSON, Robert T**
[GB/SG]; 3 Balmoral Crescent #06-03, Balmoral Spring, Singapore 259888 (SG).

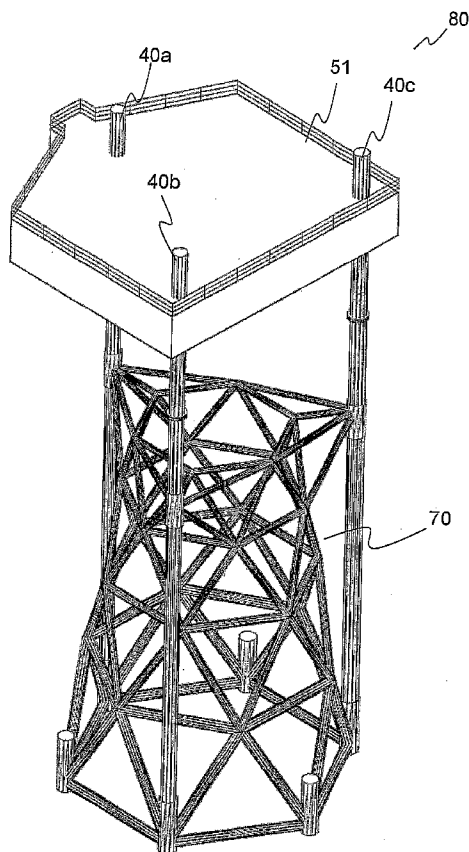
(74) Agent: **BOGSCH, Adam**; Viering, Jentschura & Partner,
P.O. Box 1088, Rochor Post Office, Rochor Road, Singapore 911833 (SG).

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(54) Title: A MODULAR SUB-SEA (LEVEL) STRUCTURE FOR SUPPORTING AN OFFSHORE PRODUCTION FACILITY



(57) Abstract: A modular sub-sea (level) structure for supporting an offshore production facility, including at least one frame module, wherein each frame module comprises at least three identical triangular frames. Each triangular frame has a base and an apex opposite to said base, wherein the bases of the triangular frames are connected to each other to form a closed polygonal frame. The apex of each triangular frame of the frame module is adapted to be connectable to a corresponding vertex of a respective closed polygonal frame of a subsequent frame module, if any are stacked thereon. The structure also includes a closing polygonal frame element having a number of vertices corresponding to the number of triangular frames of a top frame module, wherein the apex of each triangular frame of said top frame module is connected to a respective vertex of said closing polygonal frame element. The structure further includes a corresponding first plurality of sleeves, each sleeve being connected to a vertex of said closing polygonal frame element; and a corresponding second plurality of sleeves, each sleeve being connected to a corresponding vertex of the closed polygonal frame of the frame module being most distant from said closing polygonal frame element, wherein the sleeves of said first and second pluralities of sleeves are adapted to slidably receive, in a pair wise manner, a plurality of piles.



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