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(54) Title: A MODULAR CELL AND MATRIX FOR SUPPORTING A LOAD BEARING FEATURE

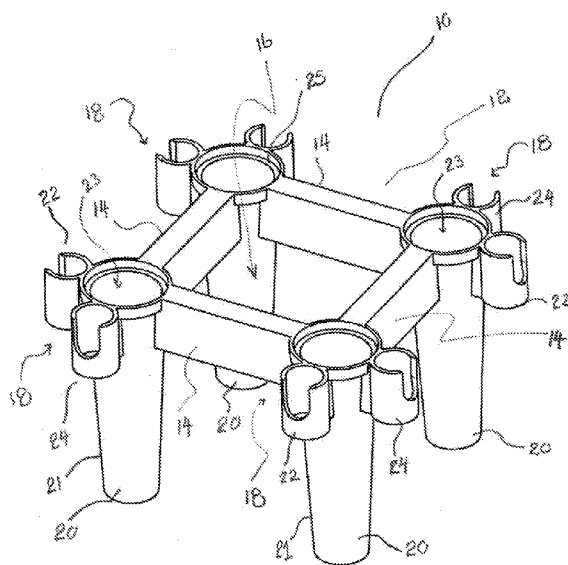


FIGURE 1

(57) Abstract: A modular cell that may be used with other cells to form a matrix under a load bearing feature, the cell being a single piece moulding that supports a compressive load placed thereon, the moulding including a void space defined within: a skirt shaped support member defining a substantially planar surface with an opening therein; and at least one leg integral to and extending from the support member. The cell further includes at least one separate linking member that releasably links together multiple cells to form a matrix of cells. The cells may be linked together vertically and/or horizontally. The cell and matrix include greater load bearing capacity and rigidity through aligned legs to carry the weight as well as interlinking members that act to share the load among the various cells. The design also requires less material hence is cheaper to produce. The void space is also easily accessed hence allowing for easy access, filling and laying of utility lines where needed.



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