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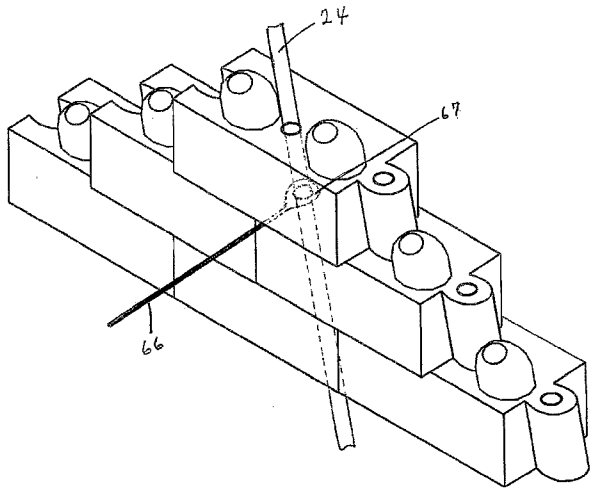
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(54) Title: SYSTEM OF BRICK WITH ROD FOR RETAINING WALL



(57) **Abstract:** The invention of the present application provides a system of brick and rod (24) for the construction of inclined walls, with great rigidity and lateral resistance, and great resistance to extreme uniform, cyclic, and gravitational forces. The brick of this system is a block with horizontal and vertical protuberances (13) and cavities (17) with permits horizontal and vertical interlocks with the adjacent bricks of the wall. The brick is also perforated by holes (20) that are aligned with the holes (20) of the vertically adjacent bricks of the wall, thus forming continuous holes (20) which go throughout the entire height of the wall. The rods (24) of the system cross the bricks through the continuous holes (20) of the wall. This system allows the construction of an inclined wall made of bricks reinforced with a skeleton of rods (24). The resulting wall is suitable for retaining walls.

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