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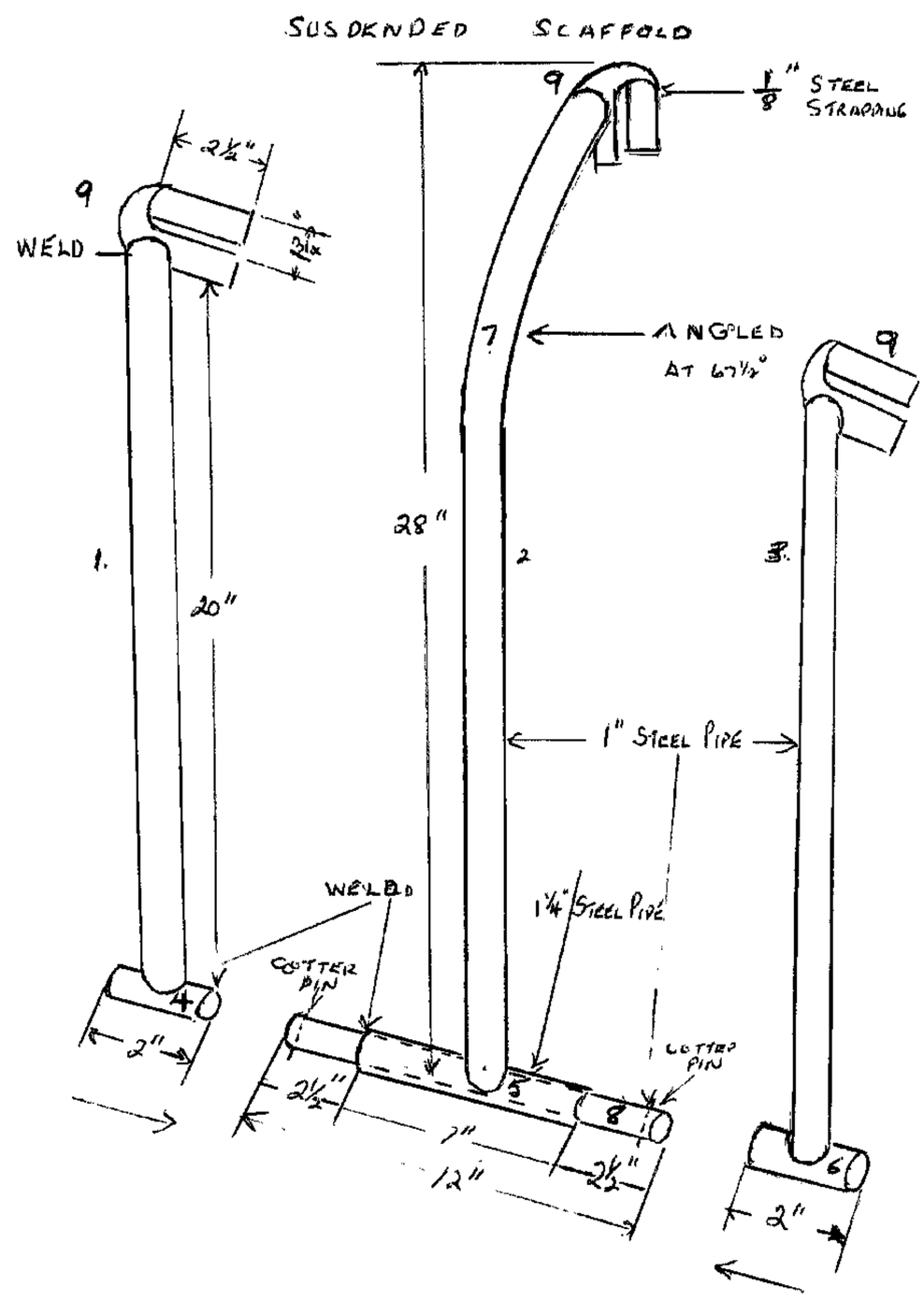
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(54) Titre : SYSTEME D'ECHAFAUDAGE SUSPENDU
(54) Title: A SUSPENDED SCAFFOLDING SYSTEM



(57) Abrégé/Abstract:
An extension ladder is nomally used to access higher sections of a wall of a structure for the performance of maintenance work such as painting or eaves trough cleaning. This can be hazardous due to ladder slippage or the the overbalancing of a person on the ladder. It also extends the time necessary for the completion of the work because of the requirement to frequently move the ladder.

A SUSPENDED SCAFFOLDING SYSTEM

Abstract

An extension ladder is nomally used to access higher sections of a wall of a structure for the performance of maintenance work such as painting or eaves trough cleaning. This can be hazardous due to ladder slippage or the the overbalancing of a person on the ladder. It also extends the time necessary for the completion of the work because of the requirement to frequently move the ladder.

Specification

This invention, a suspended scaffolding system, relates to a compact, light, easily assembled or dissassembled and stored scaffolding, suspended from two ladders. It acts as a support for a walkway between the ladders. Figure II can illustrate this. The walkway is an appropriately large plank which provides a working area at successively higher levels above ground level, permitting a worker to extend latterly his work area. The time necessary for the completion of the work will be reduced as will the hazard implicit in the situation.

The invention consists of two identical devices each to be placed in a position on a separate ladder, each securely clipped to a rung of its assigned ladder at appropriately equal heights.

Each device contains three members consisting of steel pipe of one eighth inch wall thickness as shown in Figure I . Each member is welded at one end to a U shaped

hasp or grip that will clasp a rung of its supporting ladder as shown in Figure II 1. 2. 3. Each hasp is fashioned from one eighth inch thick steel strapping as in Figure I 9. The base of each member is welded to a steel pipe of one eighth inch wall thickness, with lengths as shown in Figure I 4. 6. , two inches, Figure I 5. , seven inches. The pipe is one and one quarter inches in diameter, Figures I 4.5.6. The two outside members are identical, using one inch pipe twenty inches long, as shown inFigure I 1. 3. The centre member is of one inch pipe twenty eight inches long with a bend angled at sixty seven and one half degrees, at ten inches from the clasp end, as in Figure I 7. Fitted into the seven inch pipe welded to the centre member, Figure I 5. , is a twelve inch long pipe one inch in diameter Figure I 8, welded to the seven inch pipe with holes drilled at the end of the twelve inch pipe, for the insertion of cotter pins in each end after assembly of the three members. Each of these members can revolve independently through an arc of 360 degrees.

The identical devices will be suspended from its assigned ladder set against the structure's work face as shown in Figure II 1. 2. 3. A rigid wooden plank of appropriate size Figure II 4. forming the walkway, will be supported at each end by the devices described above Figure II 4. Any latteral movement of the plank will limited by on one side the ladder and on the other side the centre member, FigureII 5.6.

CLAIMS

1. Two identical, compact metal platforms, each suspended from a separate section of an extension ladder or a similar ladder, placed side by side at an appropriate distance apart each platform securely attached by hasps to rungs of its assigned ladder section in order to support the ends of a working area consisting of a plank made of wood or other material of suitable strength and length for the performance of tasks at differing heights on the face of a wall or other structure.

2. Each device or platform defined in CLAIM 1, consists of three members each of which can be revolved through an arc of 360^0 for easily placing each member on its assigned ladder.

3. Each device or platform defined in CLAIM 1 or CLAIM 2, can be easily and quickly raised or lowered on the assigned ladder to required heights for safe worker support and lateral movement and can be easily and quickly attached to or detached from the ladders while each device can be stored in a space of 3 ft. by 2 ft. by 1ft.

FIGURE I

SUSPENDED SCAFFOLD

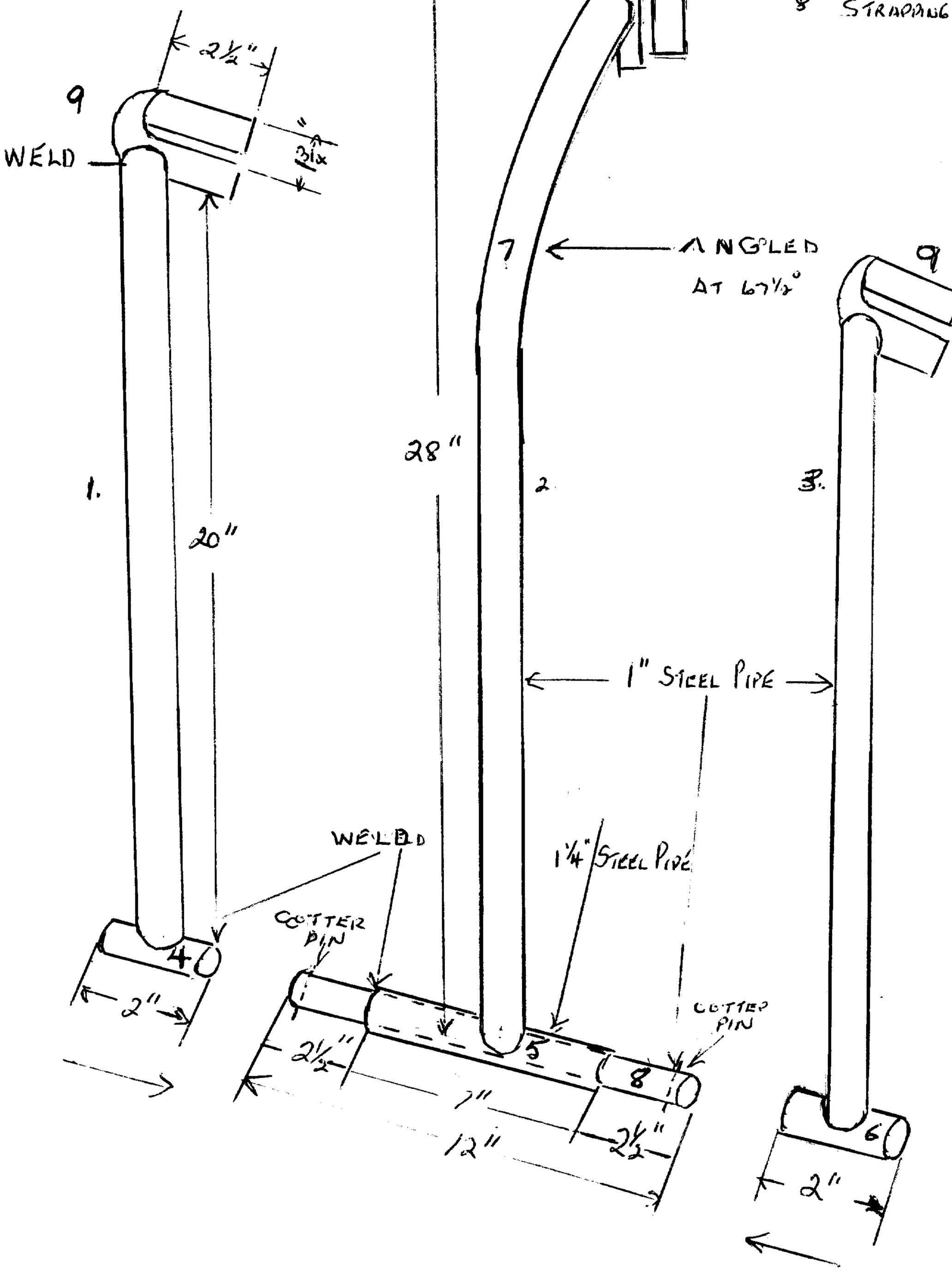
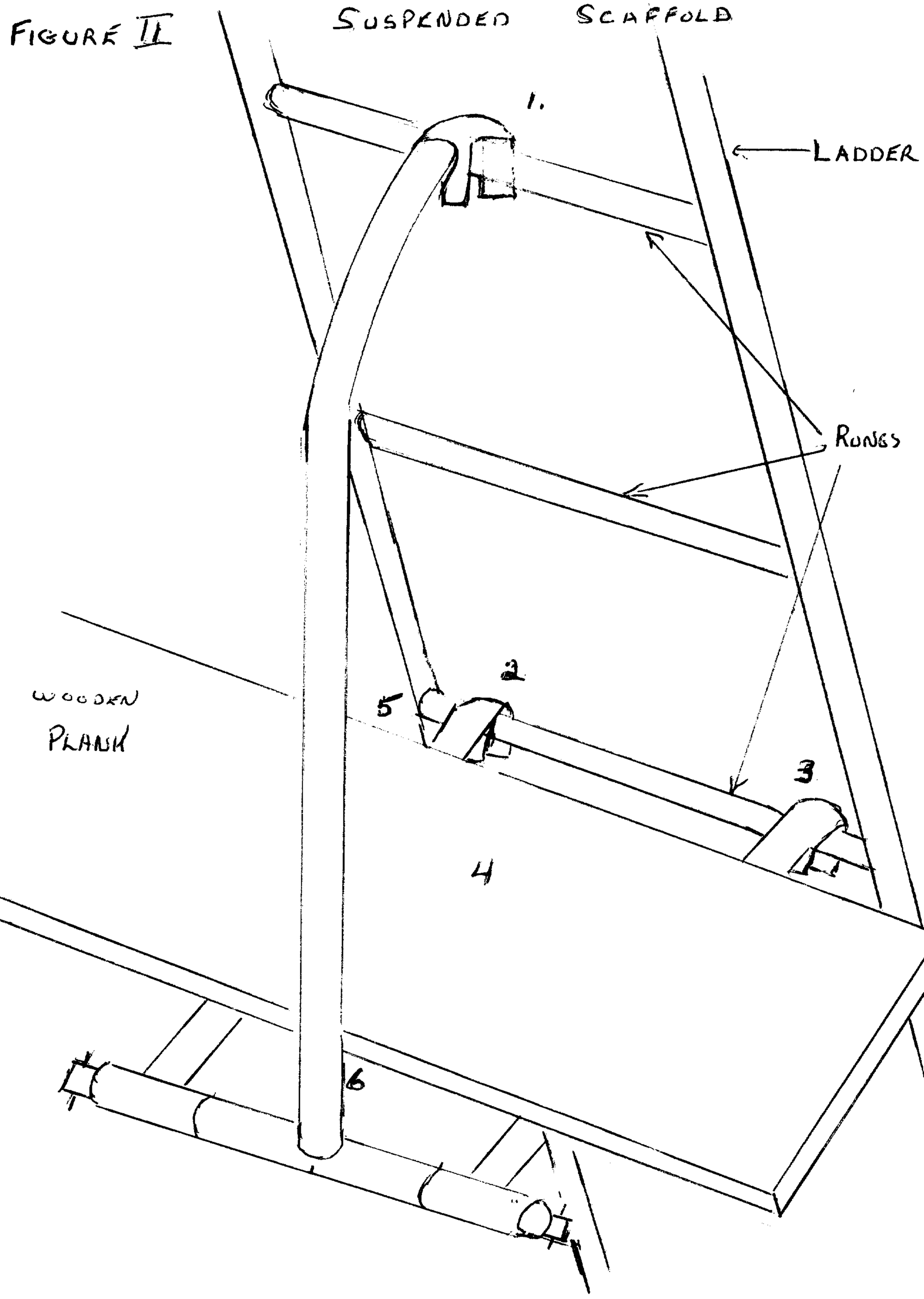


FIGURE II



SUSPENDED SCAFFOLD

