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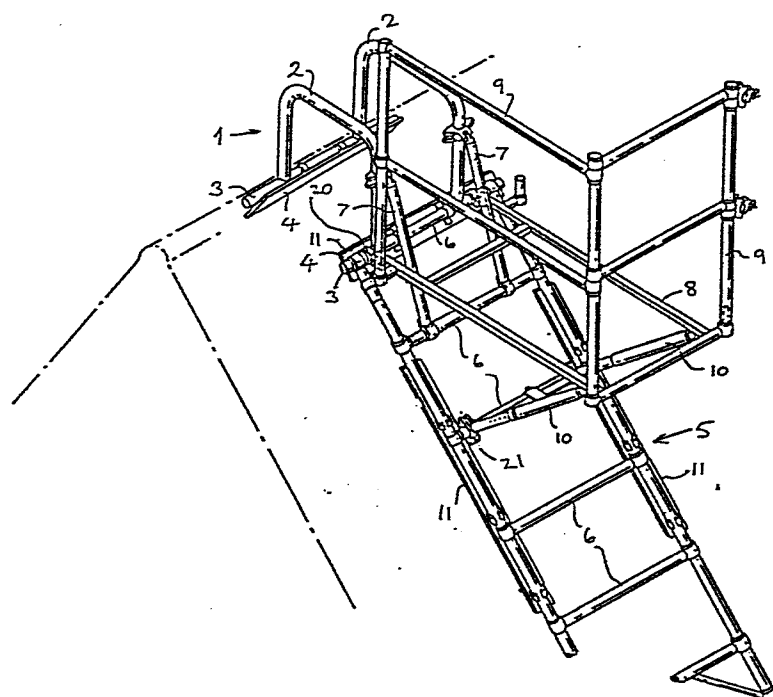
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54 **Scaffold platform.**

57 A scaffold platform includes means (1) adapted to engage over a ridge of a roof which suspends a ladder-like supporting frame (5) having a plurality of cross-extending rungs (6). A platform frame (8) is releaseably secured to one rung (6) and a pair of supporting legs (10) extend between the frame (8) and a lower rung (6). The frame (8) and supporting legs (10) may be secured to others of the rungs (6) whereby the height of the platform may be varied.



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SCAFFOLD PLATFORM

5 This invention relates to a scaffold platform
which may be engaged with for example the ridge of
a roof or a window opening to provide a working support
surface adjacent thereto. A particular although
not exclusive application of such a platform is to
10 enable workmen to repoint repair or rebuild the tops
of chimney stacks, but several other uses are envisaged
such as working on the roof itself, on adjacent walls
or even the erection of television aerials.

 According to the invention there is provided
15 a scaffold platform comprising means for supportingly
engaging a roof ridge, window opening or like horizontal
edge, frame means suspendingly connected to the engaging
means and comprising a plurality of cross-extending
members, a horizontally disposed platform means releasably
20 secured to a first of said cross-extending members,
and supporting leg means connected at one end thereof
to the platform means and at the other end thereof
releasably to a second of said cross-extending members,
such that the platform means and leg means may be
25 engaged with other of said cross-extending members
whereby to alter the level of the platform means.

 In this way it is possible to construct a scaffold
platform of substantial rigidity and strength yet
which may be flexibly adaptable to different uses.
30 Furthermore, the platform means and leg means may
be engaged with different pairs of said cross-extending
members whereby to alter the level of the platform
means. The platform means itself is preferably provided
with at least one guard rail on at least two sides
35 thereof for the protection of men working thereon.

 A further preferred feature of the invention
is the provision of at least one and preferably two

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stabilising struts connected between the engaging means and one of said cross-extending members. This can considerably increase the rigidity of the scaffold platform and lessen any tendency to slide down the pitch of a roof which could happen if the engaging means tended to pivot with respect to the remainder of the platform.

The said leg means preferably comprises a pair of legs connected between the platform means and the respective member, and in a preferred arrangement these legs are telescopically extendable to allow for different configurations.

To prevent damage to fragile roof claddings such as slates or pantiles, weight spreading means may be mounted on the frame means and preferably also on the engaging means. Such weight spreading means may for example comprise wooden planks clipped to the respective means.

In order that the invention may be readily understood an embodiment thereof will now be described by way of example with reference to the accompanying drawing which shows a scaffold platform engaged on the roof of a building with certain parts thereof omitted for the sake of clarity.

The platform comprises a ridge engaging means 1 in the form of a pair of U-shaped tubes 2 whose ends are cross-connected by rods 3 to which are clipped weight spreading planks 4.

Fixed to the engaging means 1 is a suspended ladder-like frame 5 having a plurality of cross-extending rungs 6. Connected between one of these rungs 6 and the engaging means 1 is a pair of bracing struts 7 which impart rigidity to the structure as hereinabove mentioned.

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The platform itself consists of a frame 8 over which will be applied (but not shown) a plywood deck on which one or more workmen may stand. Guard rails 9 are fixed to frame 8 for obvious reasons. The frame 8 is releasably connected at one end to the upper rung 6 of the frame 5 by means of snap hooks 20, and between its other end and the third rung down are provided a pair of telescopically extendable compression legs 10. The lower ends of the legs 10 are reasonably secured to the third rung by means of suitable clamps 21. The frame 8 and legs 10 may be releasably clamped to other rungs 6 if desired to achieve a different height or configuration of the platform.

Weight spreading planks 11 are clipped to the main members of the frame 5 to prevent or minimise damage to the roof cladding.

The scaffold platform is also able to be modified to suit different purposes. For example, for working lower down the roof pitch a further rung frame 5 may be connected to that shown and the platform itself connected to this further frame lower down. Again to raise the height of the man-supporting surface a small tower may be mounted thereon in place of the guard rails 9 with an access ladder leading to a trapdoor in the deck.

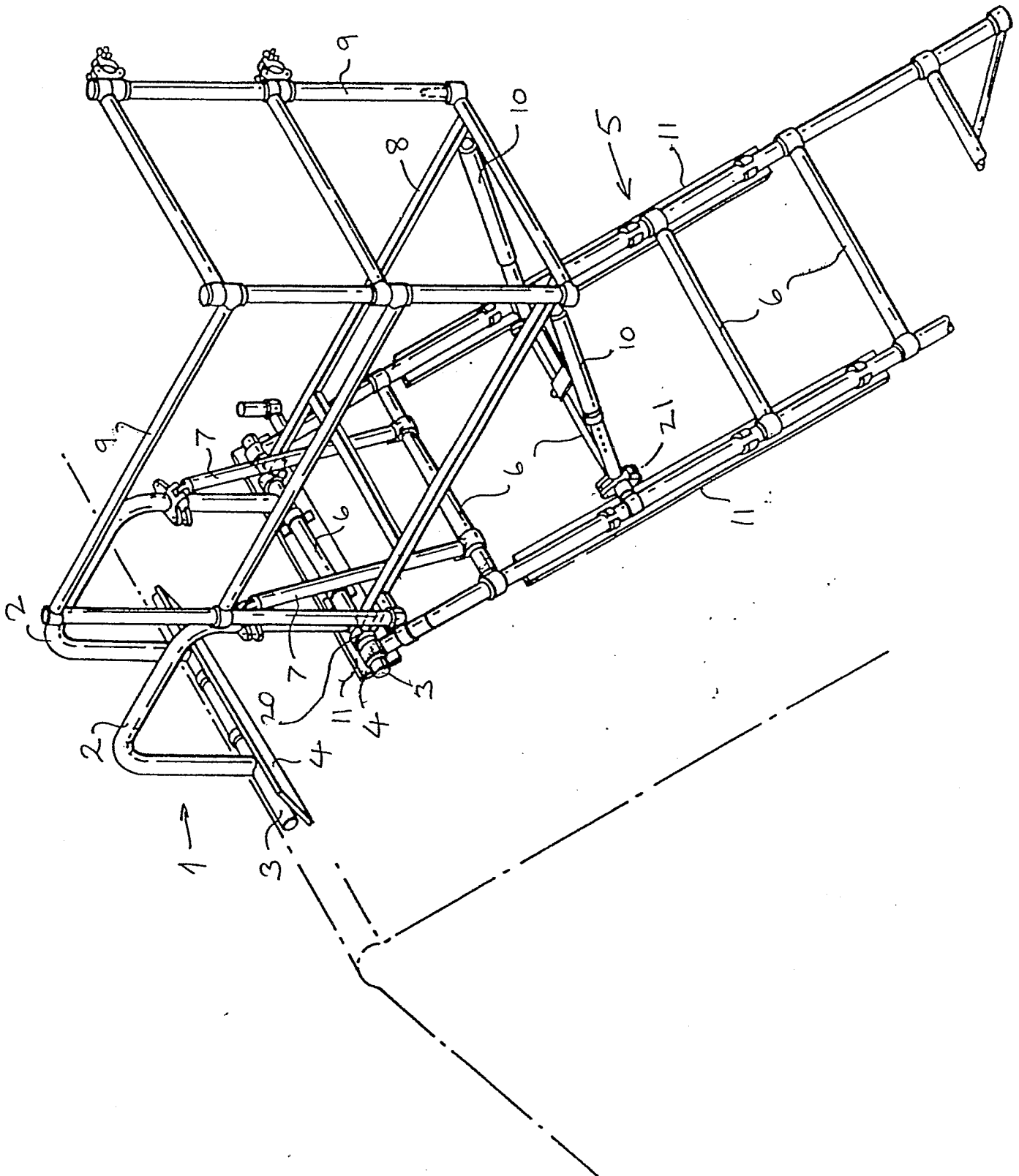
The scaffold platform disclosed is stable and strong, yet versatile in the differing levels of platform it allows. It may be constructed from light alloy tubing to be low in weight yet high in strength.

Claims

1. A scaffold platform comprising means for supportingly engaging a roof ridge, window opening
5 or like horizontal edge, frame means suspendingly connected to the engaging means and comprising a plurality of cross-extending members, a horizontally disposed platform means releasably secured to a first of said cross-extending members, and supporting
10 leg means connected at one end thereof to the platform means and at the other end thereof releasably to a second of said cross-extending members, such that the platform means and leg means may be engaged with other of said cross-extending members whereby
15 to alter the level of the platform means.
2. A platform as claimed in claim 1 further comprising at least one guard rail on at least two sides thereof.
20
3. A platform as claimed in claim 1 or 2 comprising at least one stabilising strut connected between the engaging means and one of said cross-extending members.
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4. A platform as claimed any preceding claim wherein the leg means comprises a pair of legs connected between the platform means and the respective cross-extending member.
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5. A platform as claimed in claim 4 wherein the legs are telescopically extendable.
6. A platform as claimed in any preceding claim
35 wherein the means for supportingly engaging a roof or ridge or the like comprises inverted substantially U-shaped members.

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7. A platform as claimed in any preceding claim including weight spreading means mounted on the frame means and on the engaging means.
- 5 8. A platform as claimed in claim 7 wherein the weight spreading means comprises planks secured to the frame means and engaging means.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
X	GB-A-1 592 372 (REYNOLDS) * Page 2, lines 50-130; page 3, line 1-25; figures 1-8 *	1, 2, 4, 6	E 04 G 3/12
A		7	
X	FR-A- 691 934 (URLACHER) * Page 1, line 50-62; page 2, lines 1-75; figures 1-3 *	1, 2	
A		7, 8	
A	FR-A- 634 786 (HANSEN)		
A	FR-A-1 176 421 (JARLAN)		TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
A	US-A-4 179 011 (NORAWASKI)		E 04 G E 06 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-04-1984	Examiner VIJVERMAN W.C.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	