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(54) **Hoarding construction**

Bauzaun

Clôture de chantier

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Description

[0001] This invention relates to a novel hoarding construction for use particularly, but not exclusively, at building sites.

[0002] Temporary hoardings are often erected around building sites, or other enclosures, to prevent intruders gaining access, and to protect passers by from the building work. Although they are temporary, such hoardings need to be secure.

[0003] It is common to provide a series of posts which are fixed into the ground, to which a sheeting is attached. However, this arrangement can be costly and time consuming to construct, in particular when the ground is paved or concreted. In addition, if the ground is soft, in a field for example, these arrangements can suffer from failure in adverse weather conditions.

[0004] Further, the parts used in the above described hoardings may not be reusable after they have been deconstructed.

[0005] UK Patent Application No 2338250, in the name of Jonathan Cheetham, discloses a base for a post comprising an open topped tray with upstanding peripheral walls to contain ballast, and at least one post receiving means, which is situated adjacent to the peripheral wall. The receiving means is tapered along its length, so that the upper region can fit into the aperture of a similar base when they are stacked together. The post receiving means includes a locking device to lock a post in position. A number of such bases fitted with posts could support fencing, and the positioning of the post relative to the base would allow the fencing to extend down to the bases or into the ground.

[0006] The arrangement disclosed in this Patent Application utilises a flexible material for the fence, in the form of netting or chain link. This material must be flexible in order to extend to the ground, because the post is positioned within the dimensions of the tray by virtue of the tapered post receiving means, and to reach the ground the material must be folded around the front of the tray. As a result of using a non self-supporting material for the fencing, the trays must provide a lateral support, and as a result they are square.

[0007] Such an arrangement is flawed because the trays consume too great a lateral space, and because the fencing material is not strong.

[0008] The present invention is intended to overcome some of the above problems.

[0009] Therefore, according to the present invention hoarding comprising wall means and one or more wall supports, in which each wall support comprises a container arranged to contain ballast and a post, in which the post carries the wall means characterised in that the container is in the form of an elongate rectangular trough and has a first end and a second end, in which the post is disposed at the first end of the trough, and in which the trough is disposed behind the wall means and extends perpendicular thereto.

[0010] In one construction the post can be mounted inside the trough, but in a preferred construction the post can be connected to an outside surface of the trough.

5 [0011] In one construction a brace can extend from a second end of the trough to the top of the post, to support it.

10 [0012] The wall means may comprise one or more rails mounted to the post of each wall support, and arranged substantially parallel to the ground, and a sheeting carried on the rails.

[0013] The sheeting can be disposed in front of the trough, and can extend to the ground.

15 [0014] Preferably the trough, the post, the brace, the rails and the sheeting can be readily removed from one another, so they can all be readily transported and re-used.

[0015] In one construction the sides of the trough can taper downward, such that one or more troughs can be readily stacked on top of one another.

20 [0016] In one embodiment the trough can be provided with a single mounting plate which extends from one end of the trough to the other, and to which the post and the brace can be bolted. Preferably the mounting plate can be removed from the trough, to facilitate ready stacking of one or more troughs as described above. Therefore, in one construction the mounting plate can be of greater length than the trough, and the trough can have slots at either end through which the plate can be passed. A fixing bracket can be provided on the exterior facing surface of the trough, to which one end of the mounting plate can be bolted, to hold it in place.

25 [0017] However, in a preferred arrangement an external mounting plate can be removably mounted to an exterior end surface of a first end of the trough, to which the post can be mounted, and an internal mounting plate can be removably mounted to an interior end surface of a second end of the trough, to which the brace can be mounted.

30 [0018] A brace bracket can be provided at the top of the post, to which the brace can be bolted. The rails can be mounted to the post by means of adjustable clamps, and the sheeting can be bolted directly to the rails.

35 [0019] The trough can be any dimension which is large enough to contain enough ballast to carry the sheeting in use. However, in a preferred construction the trough is 1.6 metres long, half a metre wide and half a metre deep.

[0020] The ballast can be any appropriate material, however, in a preferred construction sand is used.

40 [0021] The invention can be performed in various ways, but one embodiment will now be described by way of example, and with reference to the accompanying drawings in which:

45 Figure 1 is a part cross-sectional side view of a hoarding according to the present invention; and,

Figure 2 is a part cross-sectional side view of a sec-

ond hoarding according to the present invention.

[0022] As shown in Figure 1 a hoarding 1 comprises wall means 2 and one or more wall supports 3, in which the wall supports 3 comprise a trough 4, a substantially vertical post 5 connected to the trough 4 and adapted to carry the wall means 2, and in which the trough 4 carries ballast, in the form of sand 6, in use.

[0023] The trough 4 is elongate rectangular in shape, and the post 5 is disposed at a first end 7 thereof. As is shown in Figure 1, the trough 4 extends perpendicular to the wall means 2 in use. Brace 8 extends from a second end 9 of the trough 4 to the top of the post 5, to support it.

[0024] The wall means 2 comprises two vertically spaced apart rails 10 and 11, which are mounted to the post 5. As shown in Figure 1 the rails are arranged substantially parallel to the ground. A sheeting 12 is carried on the rails 10 and 11, and is disposed in front of the trough 4.

[0025] A mounting plate 13 is disposed in the trough 4. Post bolt apertures (not visible) are provided on the plate 13 adjacent the first end 7 of the trough 4. The post 5 is provided with bolt apertures 14, so bolts 15 can be used to fix the post 5 to the mounting plate 13.

[0026] The mounting plate 13 is further provided with brace a bolt aperture (not visible) adjacent the second end 9 of the trough 4. The brace 8 is provided with a bolt aperture 16, so bolt 17 can be used to fix the brace 8 to the brace plate 13.

[0027] Slots 18 and 19 are provided at each end of the trough 4, and the mounting plate 13 is disposed within them. A fixing bracket (not shown) is provided on the exterior surface of the first end of the trough 7, to which a first end 20 of the mounting plate 13 can be fixed, by means of bolt apertures 21.

[0028] The trough 4, the post 5, the brace 8, the rails 10 and 11 and the sheeting 12 are connected together with a number of fixings, which can be readily undone so the various components can be removed from one another, as described below.

[0029] Brace bracket 22 is provided as an integral part of the post 5. The brace bracket is provided with bolt aperture 23, and the brace 8 is provided with a corresponding bolt aperture (not visible), so bolt 24 can be used to fix the brace 8 to the post 5.

[0030] The rails 10 and 11 are connected to the post 5 by means of adjustable double clamp units 25, which comprise a post clamping portion 26 and a rail clamping portion 27. The clamp units 25 can be mounted at any point on the post 5 or rails 10 and 11.

[0031] The sheeting 12 is attached to the rails 10 and 11 by brackets of a known construction (not shown).

[0032] The trough 4, the post 5, the brace 8 and the mounting plate 13 are constructed from mild steel. The sheeting 12 is constructed from corrugated steel or ply wood.

[0033] In use, the mounting plate 13 is mounted in the slots 18 and 19 and fixed to the fixing bracket (not shown)

by means of the bolt apertures 21. The post 5 and the brace 8 are then bolted to the mounting 13, and to each other, and sand 6 is placed in the trough, to form the wall support 3. A plurality of identical wall supports can be constructed, depending on the size of the hoarding 1 to be erected.

[0034] The rails 10 and 11 are then attached to the post 5 of each wall support 3. In the event that the hoarding 1 is erected on uneven or sloping ground, and adjacent wall supports 3 are disposed at different levels, the clamping units 25 can be mounted at the appropriate vertical points on the post 5 which correspond to the position of the rails 10 and 11.

[0035] The sheeting 12 is then attached to the rails 10 and 11, using an appropriate fixing means (not shown).

[0036] When the hoarding is to be taken down, the above described sequence can be reversed. It will be appreciated that all the parts can then be re-used on another occasion.

[0037] As is shown in Figure 1 the side of the trough 4 taper downward, such that the trough is of a smaller dimension at the bottom than at the top. This allows a number of troughs to be readily stacked on top of one another with the base of one trough resting on the base of another. It will be appreciated that this is only possible because the mounting plate 13 is removable from the trough 4.

[0038] In Figure 2 a second hoarding 30 is shown, which is similar to hoarding 1, except in the manner in which the post 5 and the brace 8 are connected to the trough 4, which no longer has slots 18 and 19. (The same reference numerals are used in Figure 2 as in Figure 1 where the components are identical.)

[0039] In Figure 2 external mounting plate 31 is mounted to an exterior end surface 32 of the first end 7 of the trough 4. The external mounting plate is L-shaped, such that a first side 33 is placed against the end surface 32, and a second side 34 extends normally therefrom to provide a base for the post 5 to be secured to. Apertures 35 and 36 are provided in the first side 33 of the external mounting bracket 31 and the first end 7 of the trough 4 respectively, and bolts 37 and nuts 38 are used to secure the external mounting plate 31 in place.

[0040] Internal mounting plate 39 is mounted to an interior end surface 40 at the second end 9 of the trough 4. The internal mounting plate 39 is L-shaped, such that a first side 41 is placed against the end surface 40, and a second side 42 extends normally therefrom to provide a base for the brace 8 to be secured to. Apertures 43 and 44 are provided in the first side 41 of the internal mounting plate 39 and the second end 9 of the trough 4 respectively, and bolts 45 and nuts 46 are used to secure the internal mounting plate 39 in place.

[0041] Post bolt apertures (not visible) are provided on the external mounting plate 31 and the post 5 is provided with bolt apertures 14, so bolts 15 can be used to fix the post 5 to the second side 34 of the external mounting plate 31.

[0042] A brace a bolt aperture (not visible) is provided on the internal mounting plate 39 and the brace 8 is provided with a bolt aperture 16, so bolt 17 can be used to fix the brace 8 to the second side 42 of the internal mounting plate 39.

[0043] It will be obvious to the man skilled in the art how to construct and take apart the components of the hoarding 30 which are different to the components of the hoarding 1. In all other respects the hoarding 30 operates in the same manner as the hoarding 1.

[0044] The embodiments as shown in Figures 1 and 2 can be altered without departing from the scope of Claim 1. For example, in an alternative construction (not shown) the post 5 is provided with a fitting at the top, upon which a security camera can be carried. Such posts can be provided at the wall supports 3 which are situated at the corners of building sites, or any other appropriate vantage point.

[0045] In one further alternative embodiment (not shown) the post 5 and the brace 8 can be provided with flattened sections adjacent all the bolt apertures 14, 16 and 23, to allow for a more secure fitting to the mounting plate 13, (or the external mounting plate 31 and the internal mounting plate 39) and between the post 5 and the brace 8.

[0046] In one other alternative embodiment (not shown) the wall supports can be constructed with just the trough and the post, and without the brace feature.

[0047] Thus a hoarding is provided which overcomes the problems of erecting a hoarding on hard ground, and maintaining a hoarding on soft ground. Further, a hoarding is provided which can be readily erected and dismantled and stored for reuse.

Claims

1. A hoarding (1,30) comprising wall means (2) and one or more wall supports (3), in which each wall support (3) comprises a container (4) arranged to contain ballast and a post (5), in which the post (5) carries the wall means (2) **characterised in that** the container (4) is in the form of an elongate rectangular trough and has a first end (7) and a second end (9), in which the post (5) is disposed at the first end (7) of the trough (4), and in which the trough (4) is disposed behind the wall means (2) and extends perpendicular thereto.
2. A hoarding (1,30) as claimed in Claim 1 in which the post (5) is removably connected to the first end (7) of the trough (4), and a brace (8) extends from the second end (9) of the trough (4) to a top end of the post (5).
3. A hoarding (1,30) as claimed in Claim 2 in which the wall means (2) extends down to the ground in front of the trough (4).
4. A hoarding (1,30) as claimed in Claim 3 in which the post (5) is removably connected to the trough (4), and in which the sides of the trough (4) taper downward, such that when posts (5) are removed from a number of troughs (4), said troughs (4) can be stacked on top of one another with a portion of one trough (4) being disposed inside another trough (4).
5. A hoarding (1,30) as claimed in Claim 4 in which a brace bracket (22) is provided at the top of the post (5), to which the top end of the brace (8) is removably connected.
6. A hoarding (1,30) as claimed in Claim 4 or 5 in which a mounting plate (13) extends from the first end (7) of the trough (4) to the second end (9) of the trough (4), and in which both the post (5) and the brace (8) are removably connected to the mounting plate (13), inside the trough (4).
7. A hoarding (1) as claimed in Claim 6 in which the trough (4) is provided with a slot (18) at the first end (7), and a slot (19) at the second end (9), in which the mounting plate (13) is longer than the length of the trough (4), in which the mounting plate (13) extends through the slots (18,19), and in which a fixing bracket is provided on an exterior surface of the trough (4) to which an end (20) of the mounting plate (13) extending through a slot (18) is removably connected.
8. A hoarding (30) as claimed in Claim 4 or 5 in which an external mounting plate (31) is removably mounted to an exterior end surface (32) of a first end (7) of the trough (4), to which the post (5) is removably mounted.
9. A hoarding (30) as claimed in Claim 8 in which an internal mounting plate (39) is removably mounted to an interior end surface (40) of a second end (9) of the trough (4), to which the brace (8) is removably mounted.
10. A hoarding (1,30) as claimed in any of the preceding Claims in which the wall means (2) comprises one or more rails (10,11) removably mounted to the one or more posts (5), and arranged substantially parallel to the ground, and a sheeting (12) removably mounted on the one or more rails (10,11).
11. A hoarding (1,30) as claimed in Claim 10 in which the rails (10,11) are removably mounted to the post (5) by means of adjustable clamps (25), such that the rails (10,11) can be removably mounted at any vertical point of the post (5), and in which the sheeting (12) is removably bolted to the rails (10,11).
12. A hoarding (1,30) as claimed in Claim 9, 10 or 11 in

which the trough (4), the post (5), the brace (8), the rails (10,11) and the sheeting (12) are readily removable from one another, such that the hoarding (1) can be dismantled.

13. A hoarding (1,30) as claimed in any of the preceding Claims in which the trough (4) is substantially 1.6 metres long, substantially 0.5 metres wide and substantially 0.5 metres tall.
14. A hoarding (1) as claimed in Claim 6 in which the trough (4), the post (5), the brace (8) and the mounting plate (13) are constructed from mild steel.
15. A hoarding (30) as claimed in Claim 9 in which the trough (4), the post (5), the brace (8), the external mounting plate (31) and the internal mounting plate (39) are constructed from mild steel.
16. A hoarding (1,30) as claimed in Claim 14 or 15 in which the sheeting (12) is constructed from corrugated steel.
17. A hoarding (1,30) as claimed in Claim 14 or 15 in which the sheeting (12) is constructed from ply wood.
18. A hoarding (1,30) as claimed in any of the preceding Claims in which the ballast is sand.

Patentansprüche

1. Bauzaun (1, 30), umfassend Wandmittel (2) und eine oder mehrere Wandstützen (3), wobei jede Wandstütze (3) einen zur Aufnahme von Ballast und einem Pfosten (5) ausgebildeten Behälter (4) umfasst, wobei der Pfosten (5) die Wandmittel (2) trägt, **dadurch gekennzeichnet, dass** der Behälter (4) die Form einer länglichen, rechteckigen Wanne und ein erstes Ende (7) und ein zweites Ende (9) hat, wobei der Pfosten (5) am ersten Ende (7) der Wanne (4) angeordnet ist, und wobei die Wanne (4) hinter den Wandmitteln (2) angeordnet ist und sich senkrecht zu diesen erstreckt.
2. Bauzaun (1, 30) nach Anspruch 1, wobei der Pfosten (5) entfernbar mit dem ersten Ende (7) der Wanne (4) verbunden ist, und sich eine Strebe (8) vom zweiten Ende (9) der Wanne (4) zu einem oberen Ende des Pfostens (5) erstreckt.
3. Bauzaun (1, 30) nach Anspruch 2, wobei sich die Wandmittel (2) vor der Wanne (4) nach unten zum Grund hin erstrecken.
4. Bauzaun (1, 30) nach Anspruch 3, wobei der Pfosten (5) entfernbar mit der Wanne (4) verbunden ist, und wobei sich die Seiten der Wanne (4) nach unten ver-

jüngen, so dass, wenn die Pfosten (5) von einer Anzahl von Wannen (4) entfernt werden, die Wannen (4) mit jeweils einem Teil einer Wanne (4) innerhalb einer anderen Wanne (4) angeordnet aufeinander gestapelt werden können.

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5. Bauzaun (1, 30) nach Anspruch 4, wobei eine Strebenhalterung (22) im oberen Bereich des Pfostens (5) vorgesehen ist, mit der das obere Ende der Strebe (8) entfernbar verbunden ist.

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6. Bauzaun (1, 30) nach Anspruch 4 oder 5, wobei sich eine Befestigungsplatte (13) von dem ersten Ende (7) der Wanne (4) zum zweiten Ende (9) der Wanne (4) erstreckt, und wobei sowohl der Pfosten (5) als auch die Strebe (8) innerhalb der Wanne (4) entfernbar mit der Befestigungsplatte (13) verbunden sind.

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7. Bauzaun (1) nach Anspruch 6, wobei die Wanne (4) mit einem Schlitz (18) am ersten Ende (7) und einem Schlitz (18) am zweiten Ende (9) versehen ist, wobei die Befestigungsplatte (13) länger als die Länge der Wanne (4) ist, wobei sich die Befestigungsplatte (13) durch die Schlitze (18, 19) erstreckt, und wobei eine Befestigungshalterung an einer äußeren Fläche der Wanne (4) vorgesehen ist, mit der ein Ende (20) der sich durch einen Schlitz (18) erstreckenden Befestigungsplatte (13) entfernbar verbunden ist.

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8. Bauzaun (30) nach Anspruch 4 oder 5, wobei an einer äußeren Endfläche (32) eines ersten Endes (7) der Wanne (4) eine äußere Befestigungsplatte (31) entfernbar befestigt ist, wobei der Pfosten (5) entfernbar an dieser befestigt ist.

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9. Bauzaun (30) nach Anspruch 8, wobei an einer inneren Endfläche (40) eines zweiten Endes (9) der Wanne (4) eine innere Befestigungsplatte (39) entfernbar befestigt ist, wobei die Strebe (8) entfernbar an dieser befestigt ist.

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10. Bauzaun (1, 30) nach einem der voranstehenden Ansprüche, wobei die Wandmittel (2) einen oder mehrere an dem einen oder den mehreren Pfosten (5) entfernbar befestigte und im wesentlichen parallel zum Boden angeordnete Holme (10, 11) und eine an dem einen oder den mehreren Holmen (10, 11) entfernbar befestigte Verkleidung (12) umfassen.

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11. Bauzaun (1, 30) nach Anspruch 10, wobei die Holme (10, 11) mittels anpassbarer Klemmen (25) an dem Pfosten (5) entfernbar befestigt sind, so dass die Holme (10, 11) an jedem vertikalen Punkt des Pfostens (5) entfernbar befestigt werden können, und wobei die Verkleidung an den Holmen (10, 11) entfernbar verriegelt ist.

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12. Bauzaun (1, 30) nach Anspruch 9, 10 oder 11, wobei

der Wanne (4), der Pfosten (5), die Strebe (8), die Holme (10, 11) und die Verkleidung (12) einfach voneinander entfernbar sind, so dass der Bauzaun demontiert werden kann.

13. Bauzaun (1, 30) nach einem der voranstehenden Ansprüche, wobei die Wanne (4) im wesentlichen 1,6 Meter lang, im wesentlichen 0,5 Meter breit und im wesentlichen 0,5 Meter hoch ist.
14. Bauzaun (1) nach Anspruch 6, wobei die Wanne (4), der Pfosten (5), die Strebe (8) und die Befestigungsplatte (13) aus Baustahl hergestellt sind.
15. Bauzaun (30) nach Anspruch 9, wobei die Wanne (4), der Pfosten (5), die Strebe (8), die äußere Befestigungsplatte (31) und die innere Befestigungsplatte (39) aus Baustahl hergestellt sind.
16. Bauzaun (1, 30) nach Anspruch 14 oder 15, wobei die Verkleidung (12) aus Wellblech hergestellt ist.
17. Bauzaun (1, 30) nach Anspruch 14 oder 15, wobei die Verkleidung (12) aus Sperrholz hergestellt ist.
18. Bauzaun (1, 30) nach einem der voranstehenden Ansprüche, wobei der Ballast Sand ist.

Revendications

1. Clôture (1, 30) comprenant des moyens formant paroi (2) et un ou plusieurs supports de paroi (3), chaque support de paroi (3) comprenant un récipient (4) configuré de façon à contenir du ballast et un montant (5), le montant (5) portant les moyens formant paroi (2), **caractérisée en ce que** le récipient (4) se présente sous la forme d'une auge rectangulaire allongée et comporte une première extrémité (7) et une deuxième extrémité (9), le montant (5) étant disposé à la première extrémité (7) de l'auge (4), et l'auge (4) étant disposée derrière les moyens formant paroi (2) et s'étendant perpendiculairement à ceux-ci.
2. Clôture (1, 30) selon la revendication 1, dans laquelle le montant (5) est relié de façon amovible à la première extrémité (7) de l'auge (4), et un étau (8) s'étend de la deuxième extrémité (9) de l'auge (4) à une extrémité supérieure du montant (5).
3. Clôture (1, 30) selon la revendication 2, dans laquelle les moyens formant paroi (2) s'étendent vers le bas jusqu'au sol devant l'auge (4).
4. Clôture (1, 30) selon la revendication 3, dans laquelle le montant (5) est relié de façon amovible à l'auge (4), et dans laquelle les côtés de l'auge (4) s'effilent

vers le bas, de telle sorte que, lorsque des montants (5) sont retirés d'un certain nombre d'auges (4), lesdites auges (4) puissent être empilées les unes sur les autres avec une partie d'une auge (4) qui est disposée à l'intérieur d'une autre auge (4).

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5. Clôture (1, 30) selon la revendication 4, dans laquelle un étau d'étau (22) est disposé au sommet du montant (5), auquel l'extrémité supérieure de l'étau (8) est reliée de façon amovible.

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6. Clôture (1, 30) selon la revendication 4 ou 5, dans laquelle une plaque de montage (13) s'étend de la première extrémité (7) de l'auge (4) à la deuxième extrémité (9) de l'auge (4), et dans laquelle tout à la fois le montant (5) et l'étau (8) sont reliés de façon amovible à la plaque de montage (13), à l'intérieur de l'auge (4).

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7. Clôture (1) selon la revendication 6, dans laquelle l'auge (4) est munie d'une fente (18) à la première extrémité (7), et d'une fente (19) à la deuxième extrémité (9), la plaque de montage (13) étant plus longue que la longueur de l'auge (4), la plaque de montage (13) s'étendant à travers les fentes (18, 19), et un étau de fixation étant disposé sur une surface extérieure de l'auge (4), auquel une extrémité (20) de la plaque de montage (13) s'étendant à travers une fente (18) est reliée de façon amovible.

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8. Clôture (30) selon la revendication 4 ou 5, dans laquelle une plaque de montage extérieure (31) est montée de façon amovible sur une surface d'extrémité extérieure (32) d'une première extrémité (7) de l'auge (4), sur laquelle le montant (5) est monté de façon amovible.

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9. Clôture (30) selon la revendication 8, dans laquelle une plaque de montage intérieure (39) est montée de façon amovible sur une surface d'extrémité intérieure (40) d'une deuxième extrémité (9) de l'auge (4), sur laquelle l'étau (8) est monté de façon amovible.

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10. Clôture (1, 30) selon l'une quelconque des revendications précédentes, dans laquelle les moyens formant paroi (2) comprennent un ou plusieurs rails (10, 11) montés de façon amovible sur les montants au nombre d'un ou de plusieurs (5), et agencés sensiblement parallèlement au sol, et un panneau (12) monté de façon amovible sur les rails au nombre d'un ou de plusieurs (10, 11).

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11. Clôture (1, 30) selon la revendication 10, dans laquelle les rails (10, 11) sont montés de façon amovible sur le montant (5) à l'aide de pinces réglables (25), de telle sorte que les rails (10, 11) puissent être montés de façon amovible en tout point vertical du

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montant (5), et dans laquelle le panneau (12) est boulonné de façon amovible aux rails (10, 11).

12. Clôture (1, 30) selon la revendication 9, 10 ou 11, dans laquelle l'auge (4), le montant (5), l'étais (8), les rails (10, 11) et le panneau (12) peuvent être facilement retirés les uns des autres, de telle sorte que la clôture (1) puisse être démontée. 5
13. Clôture (1, 30) selon l'une quelconque des revendications précédentes, dans laquelle l'auge (4) a une longueur de sensiblement 1,6 mètres, une largeur de sensiblement 0,5 mètre et une hauteur de sensiblement 0,5 mètre. 10 15
14. Clôture (1) selon la revendication 6, dans laquelle l'auge (4), le montant (5), l'étais (8) et la plaque de montage (13) sont construits en acier doux.
15. Clôture (30) selon la revendication 9, dans laquelle l'auge (4), le montant (5), l'étais (8), la plaque de montage extérieure (31) et la plaque de montage intérieure (39) sont construits en acier doux. 20
16. Clôture (1, 30) selon la revendication 14 ou 15, dans laquelle le panneau (12) est construit en acier ondulé. 25
17. Clôture (1, 30) selon la revendication 14 ou 15, dans laquelle le panneau (12) est construit en contreplaqué. 30
18. Clôture (1, 30) selon l'une quelconque des revendications précédentes, dans laquelle le ballast est du sable. 35

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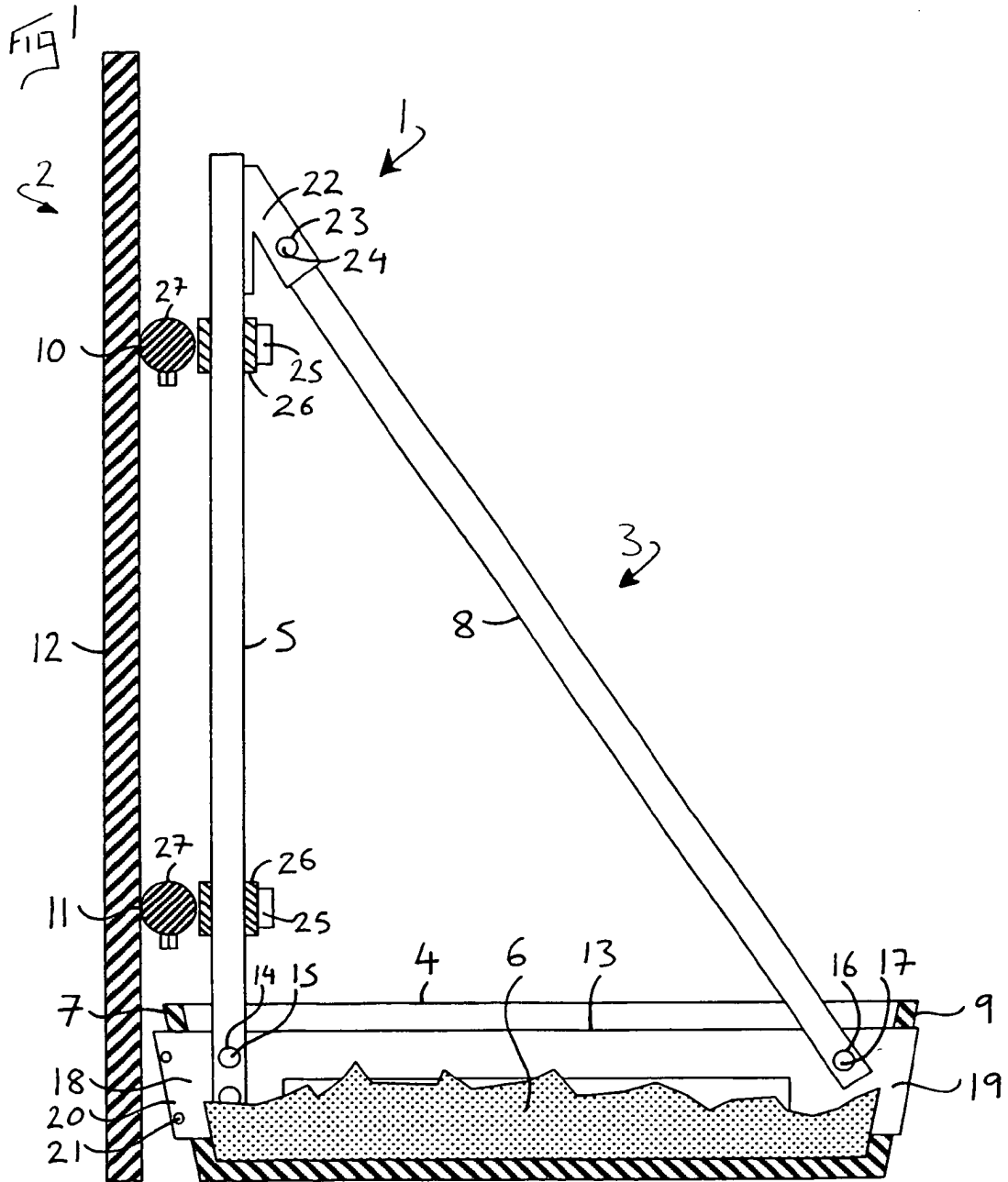
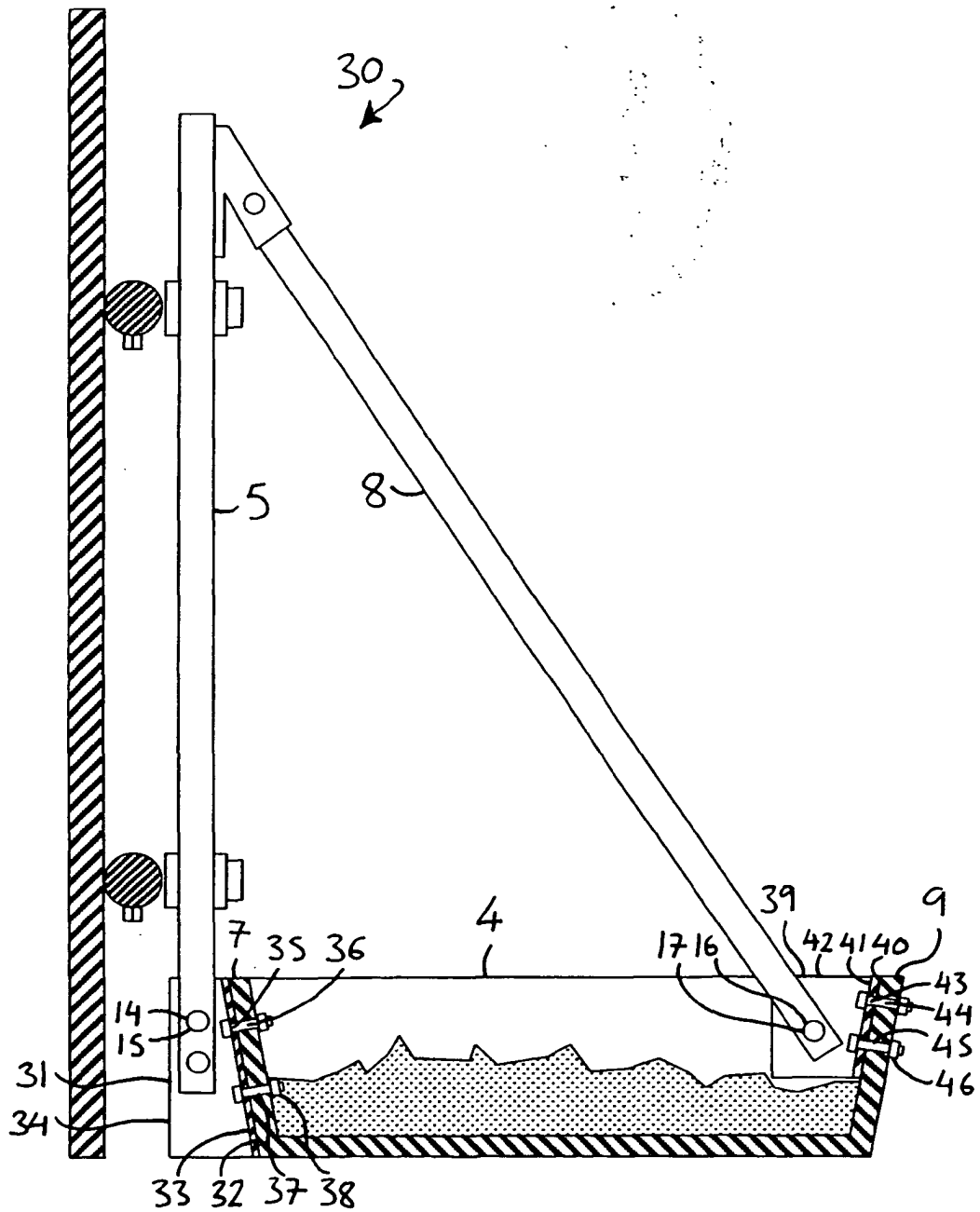


Fig 2



REFERENCES CITED IN THE DESCRIPTION

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Patent documents cited in the description

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