Government *WORLD*

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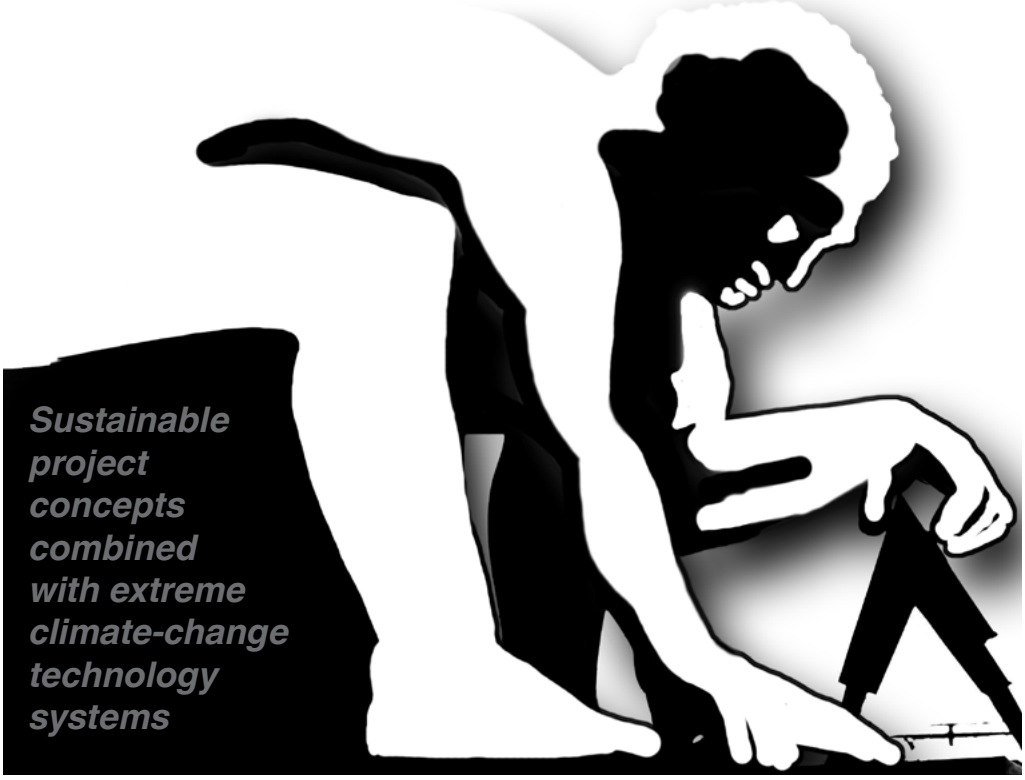

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Design and Innovation

Stone Orb

Cremated remains interment and memorial niches

Typical example of the design

Intellectual Property Office

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Stone Orb

Cremated remains interment and memorial niches

Showing recessed niche for casket interment

Showing tablet fitted

Intellectual Property Office

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The design replicates a natural stone boulder for use as a memorial or interment niche and incorporates an inscribed tablet for commemoration.

No claim is made for the colour or colours shown

Woodland Orb

Cremated remains interment and memorial niche

Showing recessed niche for casket interment

Showing tablet fitted

Intellectual Property Office

The design maintains the natural character of cut tree logs for use as a memorial or interment niche and incorporates an inscribed tablet for commemoration.

No claim is made for the colour or colours shown

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Woodland Orb

Cremated remains interment and memorial niche

Typical example of the design

Intellectual Property Office

Woodland Orb Flower Holder

For floral tributes

The design is based around a cut tree log which has been halved and bored in the centre to accommodate a spinner for placing floral tributes.

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Celestial Orb

Cremated remains interment and memorial niche

No claim is made for the colour or colours shown

Intellectual Property Office

Typical example of the design

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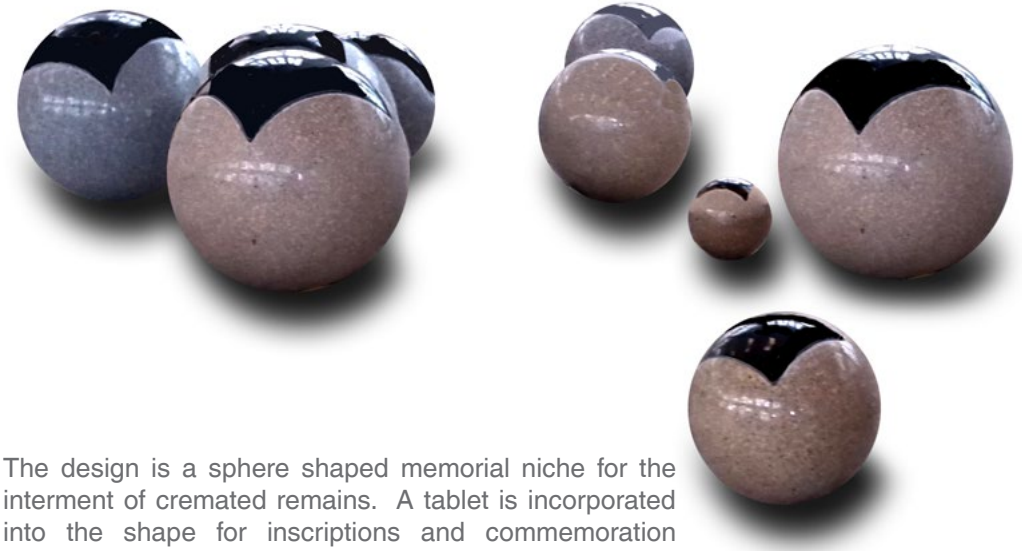
Celestial Orb

Cremated remains interment and memorial niche

Intellectual Property Office



The design is a sphere shaped memorial niche for the interment of cremated remains. A tablet is incorporated into the shape for inscriptions and commemoration purposes.

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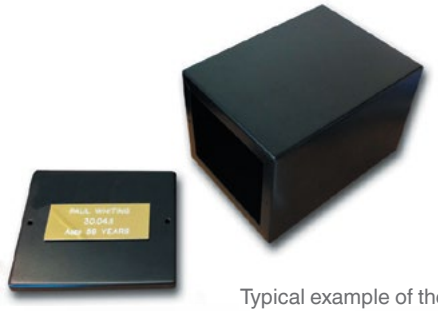
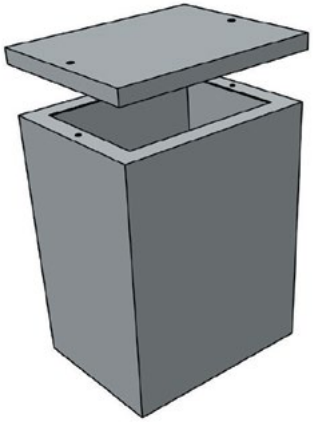
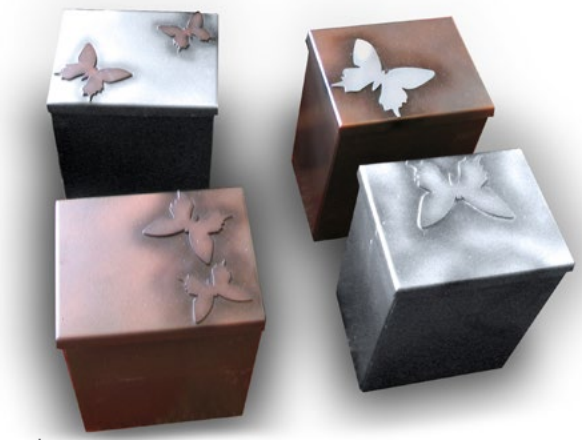
Cremated Remains Caskets

For **welters**® interment systems



Typical example of the design





No claim is made for the colour or colours shown

The Cremated Remains Casket can be manufactured in a selection of finishes and embellishments.

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welters® Funeral Experience™

The invention relates to a complete funerary interment system.

Funerals are mainly a combination of third party products and services brought together in cooperation with the funeral organiser and the Burial Authority.

Typically the main elements which apply are:

a. The Casket – usually provided by the Funeral Parlour
b. The Grave – As provided by the Burial Authority
c. The memorial – Usually provided by the Memorial Mason

It is not uncommon for misunderstandings/ miscommunications and mishaps to occur in the course of bringing these elements together in compliance with the Burial Authority Regulations and the needs of the bereaved, leading to some very upsetting circumstances. Caskets may be too large for the grave, the grave may be unstable and collapse due to poor ground conditions, the memorial may be unsuitable for the grave type and or be installed incorrectly and become a safety hazard etc.

It is the objective of the invention to provide a complete funerary interment system where all these elements are brought together into one package, the '**welters**® Funeral Experience™' to ensure complete compatibility throughout the process.

It is an objective of the invention to provide expandability in the form of modularity allowing a single installation of the system or many instances.

It is another objective of the invention to not only ensure compatibility between casket, grave and memorial but also to ensure compliance with health and safety legislation in respect of providing a safe environment at the time of the interment onwards with the inclusion of a safe and secure choice of memorialisation.

It is yet another objective of the invention to provide a form of burial where the remains of the deceased is protected from external elements i.e. water, soil, ground pressure etc. This method also provides protection of the environment from contamination which may occur during a more traditional decomposition process.

It is still another objective to provide within the '**welters®** Funeral Experience™' provision for cremated remains interment as part of the complete funerary interment system. Privileged

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Brief Summary of the Invention

1. The system consists of a reinforced cast stone Platform Duct which is held in location by needle bed piles. On top of the Platform Duct and fixed by location pins is a reinforced singularly cast stone Raft Burial Chamber Floatation Cell.

2. If more than one installation is required further Platform Ducts can be interlocked together allowing any number of Raft Burial Chamber Floatation Cells to be fixed in position.

3. The shape of the base of the Raft Burial Chamber Floatation Cell leaves a cavity air pocket which will provide increased stability in water logged or unstable ground conditions.

4. The Raft Burial Chamber Floatation Cell provides the burial space and can take the form of single or double interment designs.

5. Once installed and the area returned to landscaped finish, the Raft Burial Chamber Floatation Cell offers a safe and stable structure to allow a dignified funeral ceremony to be performed.

6. In addition to the Platform Duct and Raft Burial Chamber Floatation Cell, another element is the Burial Chamber Casket. Burial Chamber Caskets are designed to fit precisely into the Raft Burial Chamber Floatation Cell lower and upper interment levels.

7. Burial Chamber Caskets are made from stainless steel and are sealed to prevent any internal or external leakage, providing a clean non-pollutive method of burial.

8. The interior of the Burial Chamber Casket is lined with 'body bag' material of a type containing neither chlorides nor carbon, permitting their use in crematoriums if future needs arise.

9. The external areas of the Burial Chamber Casket provide inscription and original decorative space.

10. The Burial Chamber Casket has detachable poll bearers to maximise casket width.

11. A **welters®** casket lowering device ensures a smooth interment process by gently descending the casket into the chamber. The Lowering device is temporarily secured to the top edge of the Raft Burial Chamber Floatation Cell by fixing pins.

12. The Burial Chamber Casket is further protected by a water resistant seal which is fitted to the top of the Raft Burial Chamber Floatation Cell. This is in turn covered with 'Top Landings' of reinforced cast stone slabs and sealed with cement.

13. **welters®** reinforced cast stone Grass Mats provide further security across the length of the Top Landings. These are designed to lock down into the Top Landings using a standard manhole key system.

14. A choice of Burial Chamber Top Landing cover options will be offered as an alternative to Grass Mats, i.e. curved or apex style cast stone reinforced slabs.

15. The 'head' of the Raft Burial Chamber Floatation Cell provides the memorial space. This is a permanent fixture and can be comprised of either a reinforced cast stone base for a welters 900 Memorial Repository Housing System or a reinforced cast

stone mortise block for a welters Heritage List memorial.

16. The 900 Memorial Repository Housing System is a safe memorial system with secure internal space to inter eight welters™ Cremated Remains Caskets.

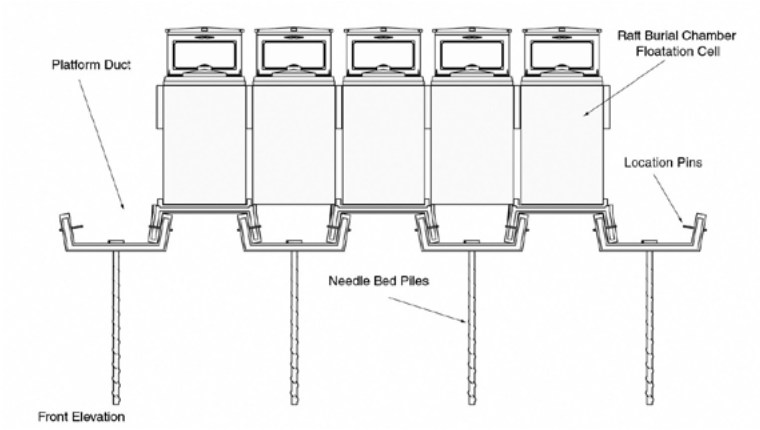
17. The **welters®** Heritage List Memorial is a monolith type memorial which is fixed into the reinforced cast stone mortise block for superior stability over existing upright memorials.

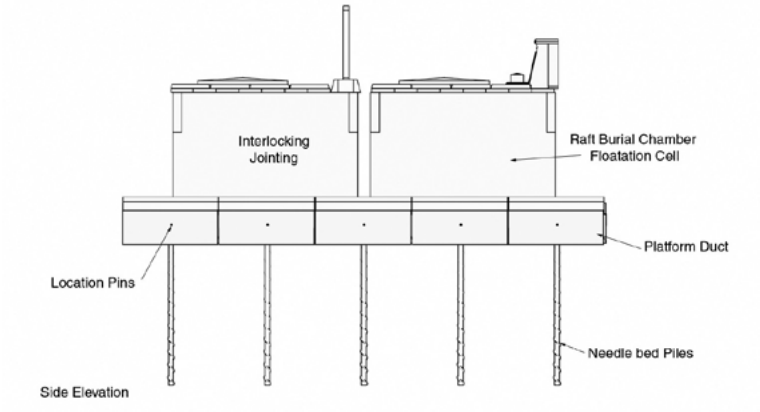
18. A further addition to the complete funerary interment system is the **welters®** Interment Portico which locates at each corner of the Raft Burial Chamber Floatation Cell to provide cover from the elements at the time of the funeral.

19. An adaptation of the Interment Portico would be an optional permanent fixture over the grave area with a facility for expansion over neighbouring graves.

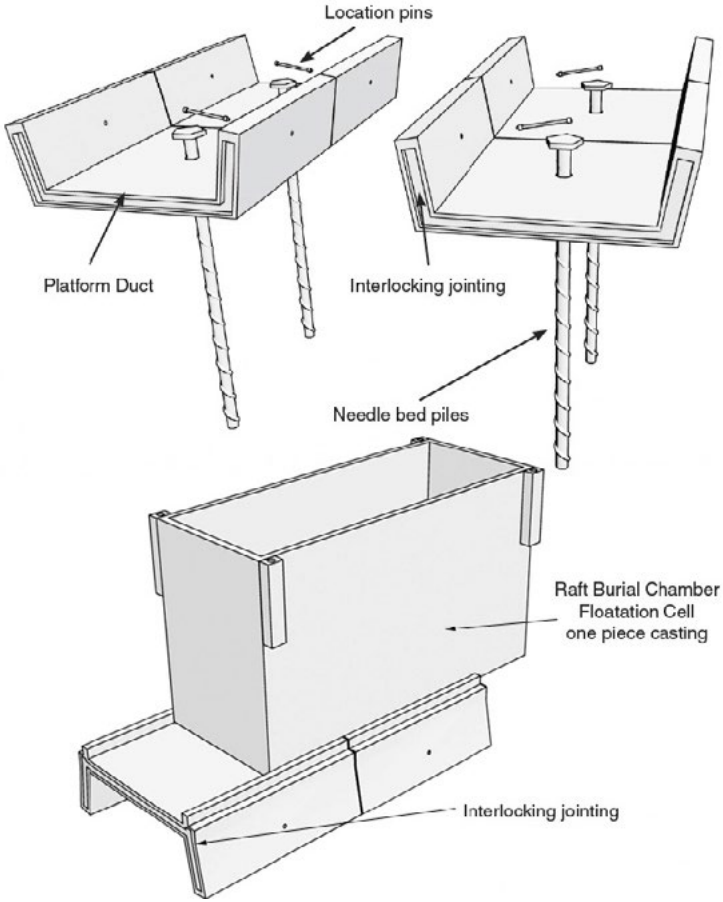
20. The complete funerary interment system is comprised of all of the above ensuring 100% compatibility within a safe and stable non-pollutive environment. This combination of elements creates a novel and unique 'Funeral Experience'.

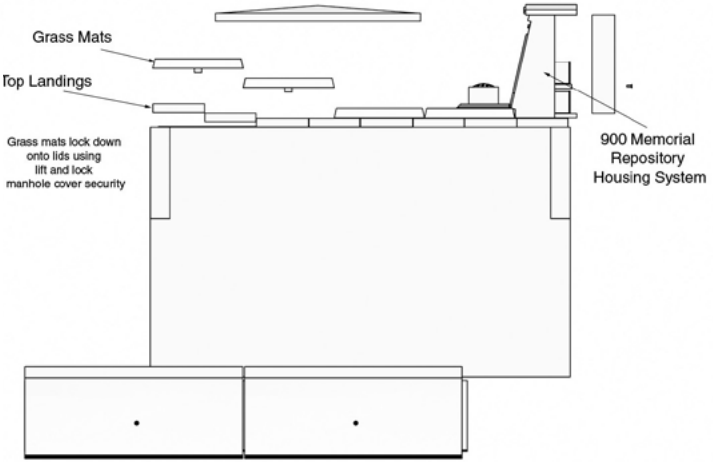
Drawings

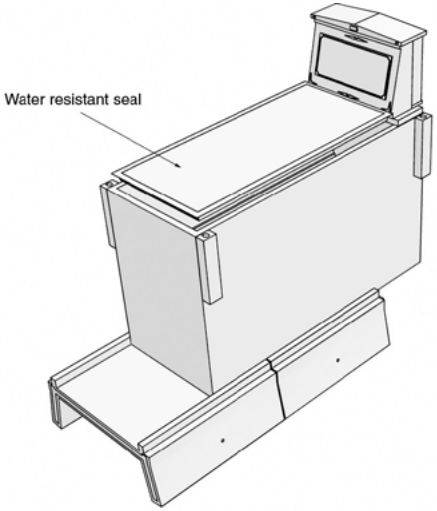




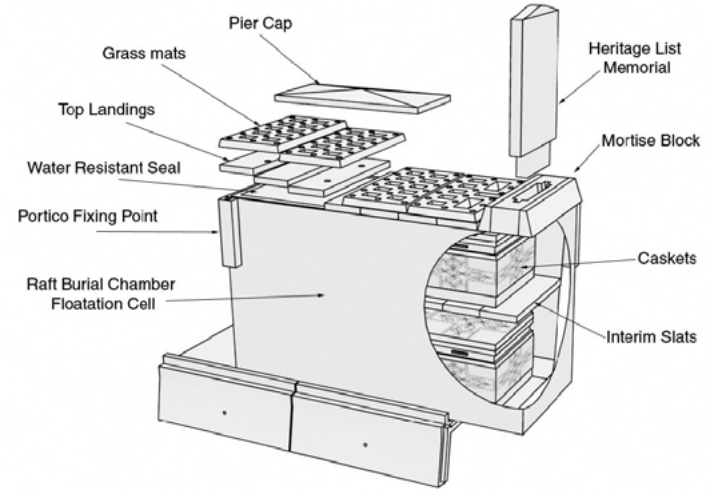
Drawings

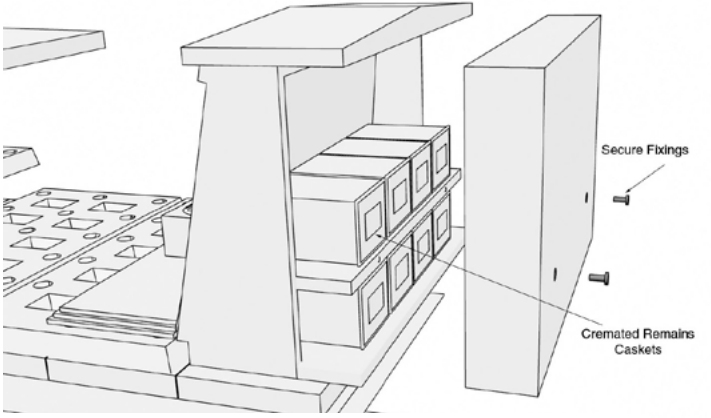

Location pins
Platform Duct
Interlocking jointing
Needle bed piles
Raft Burial Chamber
Floatation Cell
one piece casting
Interlocking jointing


Grass Mats
Top Landings
Grass mats lock down
onto lids using
lift and lock
manhole cover security
900 Memorial
Repository
Housing System

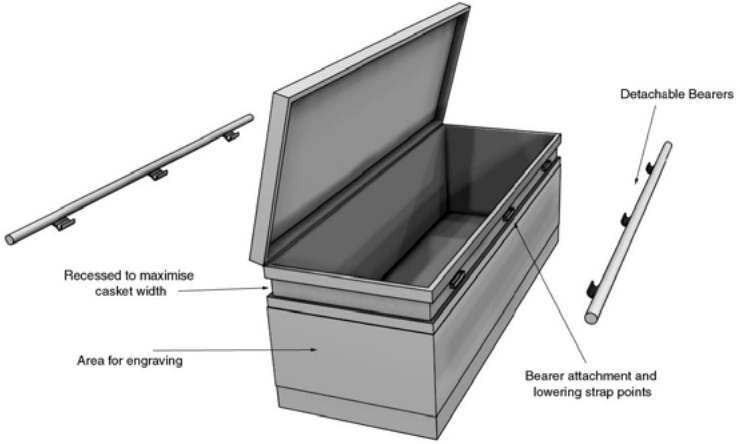

Water resistant seal

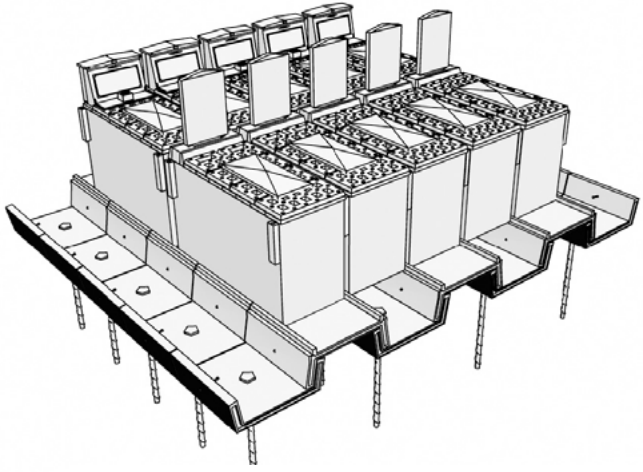
Drawings





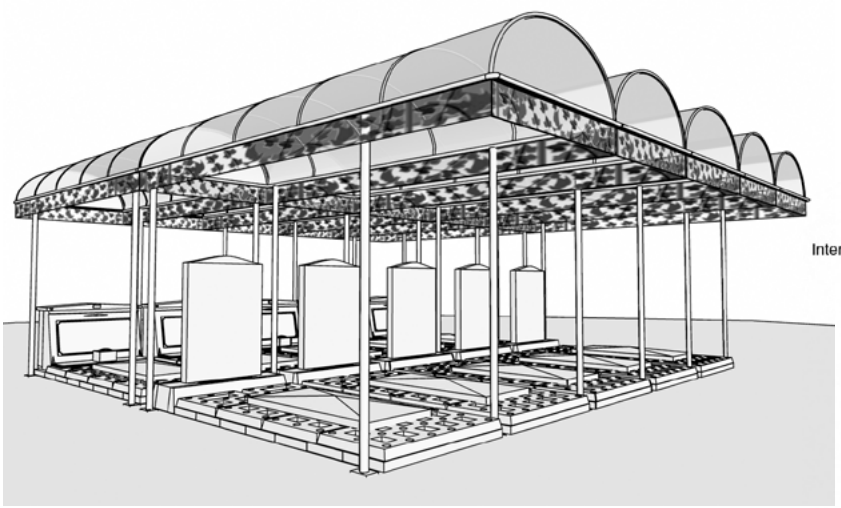
900 Memorial Repository Housing System

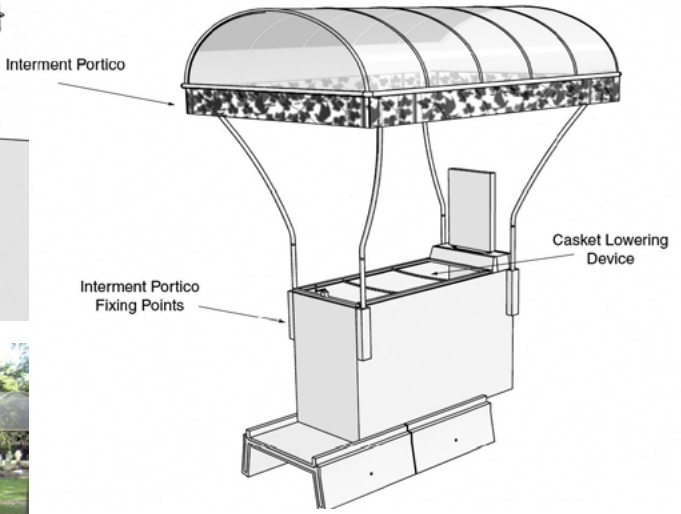


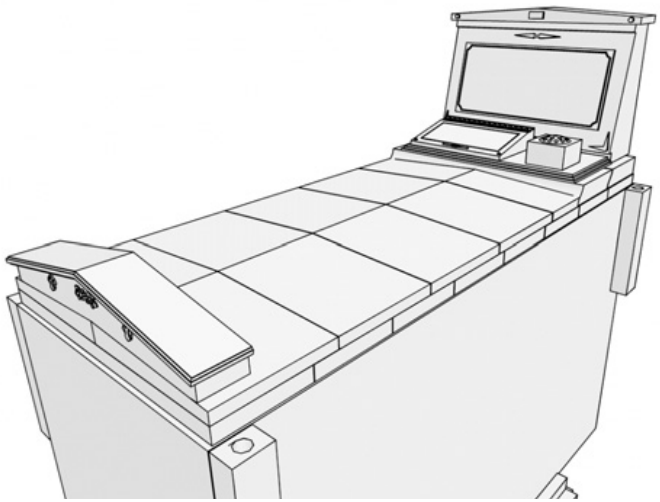


Multi instance installation with 900 Memorial Repository Housings and Heritage List memorials.

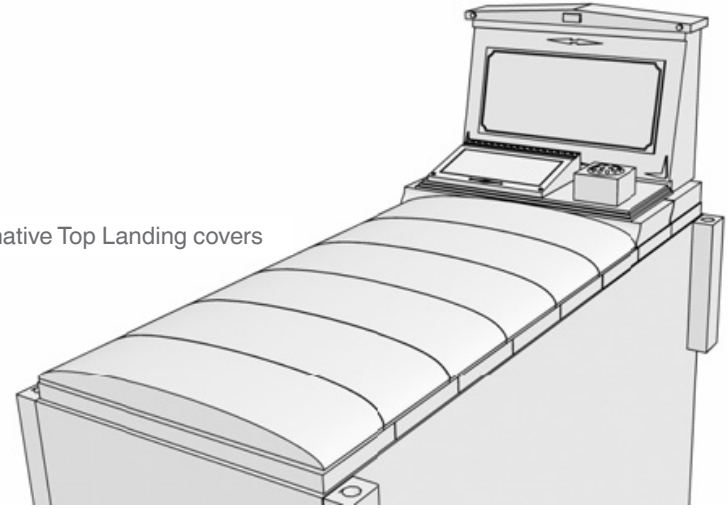
Drawings




Interment Portico
Casket Lowering Device
Interment Portico Fixing Points



Alternative Top Landing covers



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Design and Innovation

UK Patent Application.
Title of the Invention: Foundation system
Abstract Title: Foundation system with interlocking panels

A foundation system is disclosed comprising a plurality of first members 2, each one accurately positioned on the site in relation to a secure substrate and arranged both end to end in lines and in essentially parallel rows spaced apart by a predetermined distance and a plurality of second members 3 which can be secured to the first members 2 and bridge the gap between any two first members in any two adjacent rows of first members, so that the whole forms a continuous platform on what may be unstable ground. The second members 3, when attached to the first members, enclose a void underneath themselves and between the adjacent first members 2. The means of securing the first members may be via ground screws 4. Burial chambers 8 may be placed on the second members 3, with the gaps therebetween filled with soil or infill. The foundation system may be used to stabilize unstable ground for use as a cemetery. A method of creating the foundation system is also disclosed.

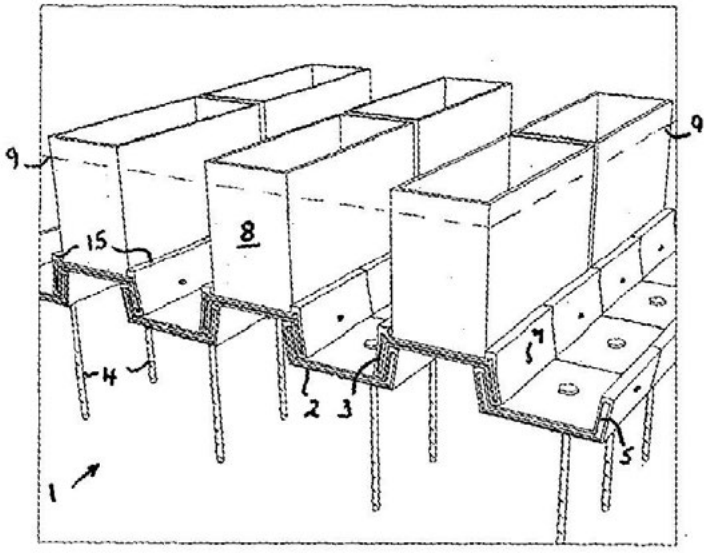

FIG. 4

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Drawings

1/3

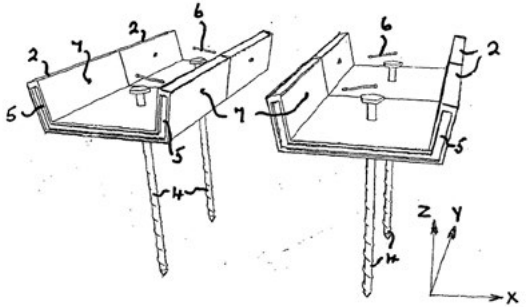

FIG. 1

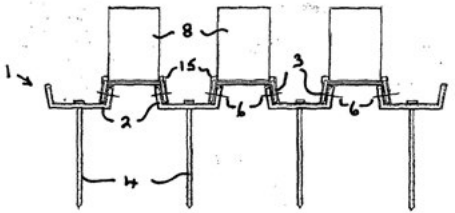

FIG. 2

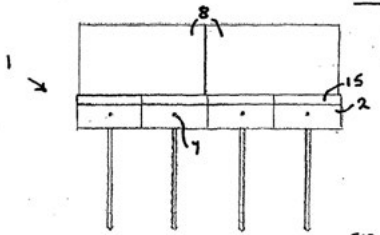

FIG. 3

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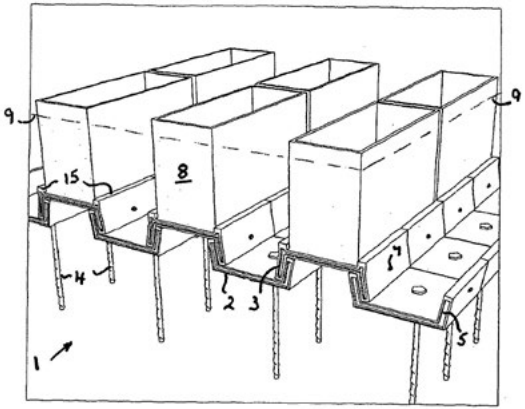

FIG. 4

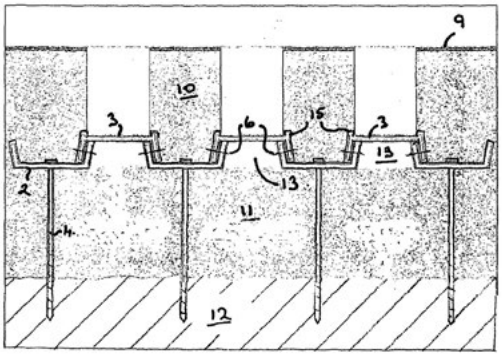

FIG. 5

Drawings

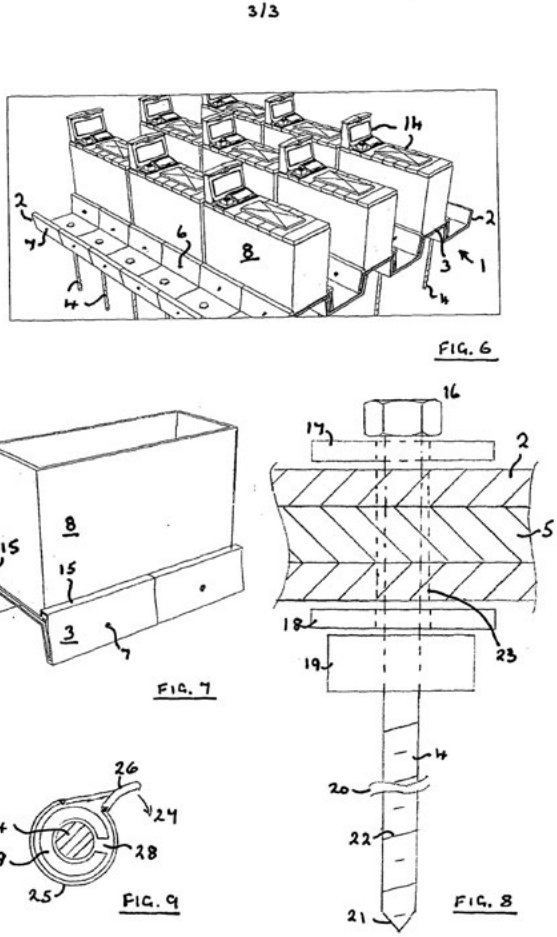
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FIG. 6
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FIG. 7
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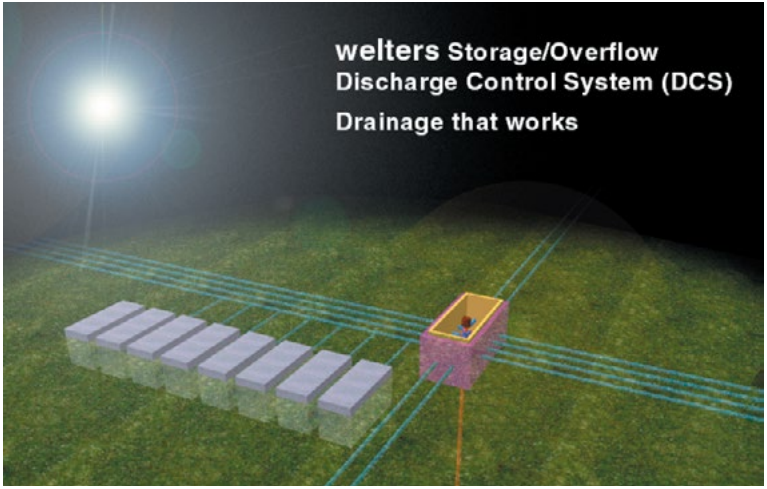
FIG. 9
FIG. 8


welters Storage/Overflow
Discharge Control System (DCS)
Drainage that works