placing loads or goods onto a top lifting pallet and a bottom pallet which are then secured with securing aids, wherein the pallets and the cupboard can be hoisted by crane;

loading the bottom pallet vertically into the cupboard in such a way that the width of the bottom pallet allows the pallet to go through the space of the cupboard without being blocked by the side supports, and reach the rails on the bottom platform of the cupboard;

loading the top pallet vertically into the cupboard in such a way that the width of the top pallet allows the pallet to be supported by the side support; and

closing the pivotal top ~~door~~cover and the side door of the cupboard.

It is therefore an object of the present invention to provide a method for loading and unloading lifting pallets, wherein the top and bottom pallets are hoisted vertically from the cupboard thereof in either loading or unloading.

Yet another object of the present invention is to provide a method for loading and unloading lifting pallet, wherein the side support on the inner side of the wall of the cupboard are mounted in parallel to provide a horizontal support of the top pallet that places on the supports.

Still a further object of the present invention is to provide a method for loading and unloading lifting pallets, wherein the top pallet is guided by a pair of elongated bar mounted each onto the side support at the edge thereof.

A further object of the present invention is to provide a method for loading and unloading lifting pallets, wherein in the process of lifting the top and bottom pallet, the direction of the pallet being lowered into the cupboard can be effected by rotating.

Yet a further object of the present invention is to provide a method for loading and unloading lifting pallets, wherein the height of the top pallet shall be increased with increasing height of the stack of goods on the bottom pallet.

Further objects, features and advantages of the present invention will become clearer from the following description together with the attached drawings, in which:

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 shows a perspective view of a lifting pallet for securing goods thereon for loading into a double-decker cupboard/container for deliver to offshore in accordance with the present invention.

Claims

1. A method for loading and unloading of lifting pallets to and from a double-decker cupboard used in offshore comprising the steps of:

providing a double-decker cupboard having a pivotal side door, a pivotal top cover, a bottom platform and a plurality of enclosed side wall, wherein a pair of spaced apart rails are mounted onto the bottom platform of the cupboard, and a pair of side support on the inner side of the wall, wherein the height of the side support is at the middle of the cupboard,

placing loads or goods onto a top lifting pallet and a bottom pallet which are then secured with securing aids, wherein the pallets and the cupboard can be hoisted by crane;

loading the bottom pallet vertically into the cupboard in such a way that the width of the bottom pallet allows the pallet to go through the space of the cupboard without being blocked by the side supports, and reach the rails on the bottom platform of the cupboard;

loading the top pallet vertically into the cupboard in such a way that the width of the top pallet allows the pallet to be supported by the side support; and

closing the pivotal top ~~door~~cover and the side door of the cupboard.

2. The method for loading and unloading lifting pallets according to claim 1, wherein the top and bottom pallets are hoisted vertically from the cupboard thereof in either loading or unloading.

3. The method for loading and unloading lifting pallets according to claim 1, wherein the side support on the inner side of the wall of the cupboard are mounted in parallel to provide a horizontal support of the top pallet that places on the supports.

4. The method for loading and unloading lifting pallets according to claim 3, wherein the top pallet is guided by a pair of elongated bar mounted each onto the side support at the edge thereof.

5. The method for loading and unloading lifting pallets according to claim 1, wherein in the process of lifting the top and bottom pallet, the direction of the pallet being lowered into the cupboard can be effected by rotating.

~~6. The method for loading and unloading lifting pallets according to claim 1, wherein the height of the top pallet shall be increased with increasing height of the stack of goods on the bottom pallet.~~

A METHOD AND A SYSTEM FOR PLACING LIFTING PALLETS WITHIN A DOUBLE-DECKER CONTAINER USED IN OFFSHORE

ABSTRACT OF THE DISCLOSURE

A method for loading and unloading of lifting pallets to and from a double-decker cupboard used in offshore is disclosed. The method comprises the steps of:

providing a double-decker cupboard having a pivotal door, a pivotal top cover, a bottom platform and a plurality of enclosed side wall, wherein a pair of spaced apart rails are mounted onto the bottom platform of the cupboard, and a pair of side support on the inner side of the wall, wherein the height of the side support is at the middle of the cupboard,

placing loads onto a top lifting pallet and a bottom pallet which are then secured with securing aids, wherein the pallets and the cupboard can be hoisted by crane;

loading the bottom pallet vertically into the cupboard in such a way that the width of the bottom pallet allows the pallet to go through the space of the cupboard without being blocked by the side supports, and reach the rails on the bottom platform of the cupboard;

loading the top pallet vertically into the cupboard in such a way that the width of the top pallet allows the pallet to be supported by the side support; and

closing the pivotal top ~~door~~cover and side door of the cupboard.

(Fig. 5)