nail plate between each end of said pair of connector boards and a support block, while being devoid of a respective nail plate between each end of said pair of end deck boards and the support block, with each respective nail plate comprising a first surface comprising a plurality of projections extending outwards therefrom and embedded into the end of one of said connector boards, and a second surface opposite the first surface and devoid of any projections, and contacting said support block. Each support block has a coplanar upper surface and a coplanar lower surface.

[0016b] According to another aspect of the invention, a method for making a wooden pallet is disclosed, the method comprising providing a cargo layer; providing a base layer comprising a pair of spaced apart connector boards, and a pair of spaced apart end deck boards orthogonal to the pair of connector boards, with respective ends of the pair of end deck boards adjacent to and non-overlapping respective ends of the pair of connector boards; positioning a plurality of spaced apart support blocks between the cargo layer and the base layer and forming a gap therebetween for receiving a lifting member; and positioning a respective nail plate between each end of the pair of connector boards and a support block, while being devoid of a respective nail plate between each end of the pair of end deck boards and the support block, with each respective nail plate comprising a first surface comprising a plurality of projections extending outwards therefrom and embedded into the end of one of the connector boards, and a second surface opposite the first surface and devoid of any projections, and contacting the support block. Each support block has a coplanar upper surface and a coplanar lower surface.

[0017] Another aspect of the wooden pallet is directed to the nail plates, wherein each nail plate may have a length corresponding to a length of an end deck board. This simplifies the manufacturing process.

[0018] Yet another aspect is directed to a method for making a wooden pallet, as described above.

Brief Description of the Drawings

[0019] FIG. 1 is a top perspective view of a pallet with highlighted

Claims

1. A wooden pallet comprising:

a cargo layer;

a base layer comprising a pair of spaced apart connector boards, and a pair of spaced apart end deck boards orthogonal to said pair of connector boards, with respective ends of said pair of end deck boards adjacent to and non-overlapping respective ends of said pair of connector boards;

a plurality of spaced apart support blocks between said cargo layer and said base layer and forming a gap therebetween for receiving a lifting member, with each support block having a coplanar upper surface and a coplanar lower surface; and

a respective nail plate between each end of said pair of connector boards and a support block, while being devoid of a respective nail plate between each end of said pair of end deck boards and the support block, with each respective nail plate comprising

a first surface comprising a plurality of projections extending outwards therefrom and embedded into the end of one of said connector boards, and

a second surface opposite the first surface and devoid of any projections, and contacting said support block.

2. A wooden pallet according to Claim 1 wherein said plurality of projections comprise rounded tips.

3. A wooden pallet according to Claim 1 wherein said plurality of projections is arranged in rows and columns.

4. A wooden pallet according to Claim 3 wherein the rows and columns are spaced apart to substantially cover the first surface of said nail plate.

5. A wooden pallet according to Claim 3 wherein the rows and columns are in a zig-zag pattern.

11. A wooden pallet according to Claim 10 wherein each backstop is triangular or rectangular shaped with an open interior.

12. A wooden pallet according to Claim 11 wherein an upper corner of the inside edge of each end deck board is notched; and wherein an upper tip of each backstop is angled into the notch.

13. A wooden pallet according to Claim 12 wherein each upper tip is substantially coplaner with an upper surface of each end deck board.

14. A method for making a wooden pallet comprising:

providing a cargo layer;

providing a base layer comprising a pair of spaced apart connector boards, and a pair of spaced apart end deck boards orthogonal to the pair of connector boards, with respective ends of the pair of end deck boards adjacent to and non-overlapping respective ends of the pair of connector boards;

positioning a plurality of spaced apart support blocks between the cargo layer and the base layer and forming a gap therebetween for receiving a lifting member, with each support block having a coplanar upper surface and a coplanar lower surface; and

positioning a respective nail plate between each end of the pair of connector boards and a support block, while being devoid of a respective nail plate between each end of the pair of end deck boards and the support block, with each respective nail plate comprising

a first surface comprising a plurality of projections extending outwards therefrom and embedded into the end of one of the connector boards, and

a second surface opposite the first surface and devoid of any projections, and contacting the support block.