CLAIMS

1. A foldable safety gate apparatus for use in relation to a hoist or lift, comprising:

a main safety gate body, said main safety gate body comprising:

a gate frame forming an opening; and

a gate, wherein the gate frame holds said gate within the opening for preventing entry into a hoist car;

a cantilever platform, said cantilever platform comprising:

a supporting arm for securing to a slab; ~~and~~

two or more load points for securing the cantilever platform to the slab;

wherein, when in a deployed state, the main safety gate body is substantially perpendicular to the cantilever platform, and, when in a collapsed state, the main safety gate body rests substantially parallel to the cantilever platform;

two side panels, the two side panels are connected to the main safety gate body using hinges so that the two side panels can be folded flat in the collapsed state and when in a deployed state, the two side panels are positioned substantially perpendicular to both the main safety gate body and the cantilever platform; and

guard rails for further extending the barrier formed by the two side panels when in a deployed state and being stored in between gates and the two side panels in the collapse state.

2. The safety gate apparatus of claim 1, wherein the gate is a single barrier gate.

3. The safety gate apparatus of claim 1, wherein the gate comprises a left gate and a right gate.

4. The safety gate apparatus of any preceding claim, wherein the gate comprises a hinge to open inwards and/or outwards.

5. The safety gate apparatus of any of the claims 1 to 3, wherein the gate is installed on a sliding rail to slide aside to reveal the opening.

~~6. The safety gate apparatus of any preceding claim, further comprising two side panels positioned, when in a deployed date, substantially perpendicular to both the main safety gate body and the cantilever platform.~~

~~7.~~6. The safety gate apparatus of any preceding claim ~~6~~, wherein the two side panels are connected to the main safety gate body ~~of the safety gate~~ by hinges such that they can be folded inwards towards the main safety gate body in the collapsed state.

~~8.~~7. The safety gate apparatus of any preceding ~~of~~ claim~~s 6 or 7~~, wherein the two side panels are mesh side panels.

~~9. The safety gate apparatus of any of claims 6 to 8, further comprising guard rails for further extending the barrier formed by the two side panels when in a deployed state~~.

~~10.~~8. The safety gate apparatus of any preceding claim, further comprising lifting points for facilitating lifting of the apparatus by a crane.

~~11.~~9. The safety gate apparatus of any preceding claim, further comprising an anchor through which loads may be applied.

~~12.~~10. The safety gate apparatus of any preceding claim, wherein the supporting arm is supported with hardwood packing at a slab edge.

~~13.~~11. A stack of up to ten of the safety gate apparatuses as defined in any of claims 1 to 10, in their collapsed state.

~~14.~~12. The stack of claim ~~13~~11, wherein the stack of up to ten of the safety gate apparatuses are arranged by lining up a bottom side of the safety gate apparatus with a top side of an adjacent safety gate apparatus.

~~15.~~13. The stack of claims ~~13~~11 or ~~14~~12, wherein the stack of up to ten of the safety gate apparatuses are offset from each other such that they can be secured.