According to one aspect of the invention, there is provided a catch fence for halting the overrun of a car leaving a racetrack, comprising:

(a) at least two ~~pivotable~~ poles spaced apart from one another; ~~each pole comprising a pivot point along the pole or at its base~~;

(b) at least one cable extending between the at least two poles; and

(c) at least one portion of net or fencing installed between the poles, characterized in that (d) the at least two poles extend above a Steel and Foam Energy Reduction (SAFER) barrier; the at least one portion of net or fencing is supported by the at least one cable.

According to another aspect of the invention, there is provided a catch fence for halting the overrun of a car leaving a racetrack, comprising:

(a) at least two angled poles; and

(b) a plurality of horizontal cables extending between the at least two poles, characterized in that the cables are supported via a series of curved cable spacers ~~forwardly positioned rolled plates~~ secured together and extending from an upper pole portion to a ground anchor, such that the cables are strung between the a series of curved cable spacers ~~plates~~.

According to yet another aspect of the invention, there is provided a catch fence for halting the overrun of a car leaving a racetrack, comprising:

(a) at least two curved poles; and

(b) at least one portion of a net or fencing extending from a top portion of each pole characterized in that the bottom portion of the net or fencing is ~~and~~ secured to a Steel and Foam Energy Reduction (SAFER) barrier.

According to a further aspect of the invention, there is provided a catch fence for halting the overrun of a car leaving a racetrack, comprising:

(a) curved or straight main support poles; main horizontal cables terminated together or connected to energy absorbers at their ends; and

(b) vertical support cables at each pole secured to a wall or secured to a Steel and Foam Energy Reduction (SAFER) barrier at their bottom, routed through one or more pulleys at the top of each pole, down to an energy absorber at the base of each pole; and

What is claimed is:

1. A catch fence for halting the overrun of a car leaving a racetrack, comprising:

(a) at least two ~~pivotable~~ poles spaced apart from one another~~, each pole comprising a pivot point along the pole or at its base~~;

(b) at least one cable extending between the at least two poles; and

(c) ~~(c)~~ at least one portion of net or fencing installed between the poles,

characterized in that

(d) the at least two poles extend above a Steel and Foam Energy Reduction (SAFER) barrier;

~~(c)~~(e) the at least one portion of net or fencing is supported by the at least one cable.

2. The catch fence of claim 1, wherein the at least two ~~pivotable~~ poles ~~is~~ are C-shaped.

~~3. The catch fence of claim 1, wherein the pivot is provided at the base of the pole by a torsion spring or hydraulic cylinder positioned at each pivot point joint.~~

~~4.~~3. The catch fence of claim 1 or 2, wherein the at least one cable is mounted to the pole via a leaf spring.

~~5. The catch fence of claim 1, wherein the pivot point is along the pole body, allowing only a top portion of the pole to flex~~.

4. The catch fence of any of the preceding claims, further comprising a pivoting pulley system associated with at least one of the at least two poles.

5. The catch fence of any of the preceding claims, further comprising one or more break away clips that allow the at least one portion of the net or fencing to detach from its neighbor section.

6. The catch fence of any of the preceding claims, wherein the at least one portion of the net comprises nylon netting with nylon straps.

7. The catch fence of any of the preceding claims, further comprising a secondary safety steel mesh catch fence mounted behind the at least one portion of net or fencing.

~~6.~~8. A catch fence for halting the overrun of a car leaving a racetrack, comprising:

(a) at least two angled poles; and

(b) a plurality of horizontal cables extending between the at least two poles, characterized in that the cables are supported via a series of curved cable spacers ~~forwardly positioned rolled plates~~ secured together and

(c) extending from an upper pole portion to a ground anchor, such that the cables are strung between the series of curved cable spacers ~~plates~~.

9. The catch fence of claim 8, wherein the series of curved cable spacers support the horizontal cables at a distance from one another.

10. The catch fence of claim 8 or 9, wherein the at least one of the cable spacers comprises a sandwich groove to accept and secure a horizontal cable.

~~7. The catch fence of claim 6, wherein the rolled plates comprise a pillow spring~~.

~~8.~~11. A catch fence for halting the overrun of a car leaving a racetrack, comprising:

(a) at least two curved poles; and

(b) at least one portion of a net or fencing extending from a top portion of each pole characterized in that the bottom portion of the net or fencing is ~~and~~ secured to a Steel and Foam Energy Reduction (SAFER) barrier.

~~9.~~12. The catch fence of claim 11~~8~~, wherein the net or fencing comprises a textile brake.

~~10.~~13. The catch fence of claim 11 or 12~~8~~, further comprising ~~large~~-collapsible air bags positioned above the SAFER barrier.

~~11.~~14. A catch fence for halting the overrun of a car leaving a racetrack, comprising:

(a) curved or straight main support poles;

(b) main horizontal cables terminated together or connected to energy absorbers at their ends; and

(c) vertical support cables at each pole secured to a wall or secured to a Steel and Foam Energy Reduction (SAFER) barrier at their bottom, routed through one or more pulleys at the top of each pole, down to an energy absorber at the base of each pole; and

(d) horizontal and vertical cables fastened together where they intersect; and

(e) an integral mesh debris fence fastened to the horizontal and vertical cables.