CLAIMS

1. A device for twisting plastic wires to form a plastic open mesh net, comprising a front twist mechanism and a back twist mechanism, the front and back twist mechanisms having corresponding pairs of front and back thread-holes for receiving plastic wires to be twisted, each couple of a front thread-hole and a back thread-hole being connected by a corresponding heat-conductive thread guide.

2. A device according to claim 1, wherein each heat-conductive thread guide is a heat-conductive pipe.

3. A device according to claim 2, wherein each heat-conductive pipe is a metal pipe.

4. A device according to any one of claims 1 to 3, further comprising a heating device disposed between the front twist mechanism and the back twist mechanism to heat the heat-conductive thread guides.

5. A device according to claim 4, wherein the heat-conductive thread guides and the heating device are located in a closed space.

~~6. A machine for twisting plastic wires to form a plastic open mesh net, comprising a supplying device for supplying plastic wires, a heating device to heat and soften the plastic wires, a twisting device for twisting the softened plastic wires and form an open mesh net, a collecting device to collect the formed open mesh net, the machine further comprising a holding device located between the twisting device and the collecting device to hold the just formed net into a uniform shape.~~

~~7. A machine according to claim 6, wherein the holding device comprise at least a number of concave portions each located at the spot which corresponds to each twisted portions of the open mesh net in the direction of the advancement of the net.~~

~~8. A machine according to claim 7, wherein the holding device comprise two comb-shaped holding elements connected together.~~

~~9. A machine according to claim 6 or 7, wherein the holding device is made of a piece of corrugated plastic injection.~~

~~10. A machine according to any one of claims 6 to 9, comprising a twisting device according to any one of claims 1 to 5.~~