CLAIMS:

1. A method for manufacturing a solar cell ~~forming~~ using a silicon substrate of square shape with corners as viewed in plan view, which is provided with a chamfer at a first corner or a notch at or near a first corner,

wherein the first corner has a different shape from other corners whereby the direction of the silicon substrate is judged to keep the silicon substrate in the identical direction throughout the process of manufacturing a solar cell ~~.~~ ,

wherein said first corner having chamfer at the first corner or notch at or near the first corner is used to identify the direction of the substrate during manufacturing.

2. The method of for manufacturing a solar cell ~~forming silicon substrate~~ of claim 1, ~~having~~ wherein the silicon substrate has a second corner not diagonal to the first corner, which is provided with a chamfer at the first corner or a notch at or near the first corner and with a notch at or near the second corner or a chamfer at the second corner, the notch or chamfer at the second corner being different from the chamfer or notch at the first corner ~~.~~ ,

wherein said first and second corners are used to identify the direction of the substrate and discriminate the front and back surfaces of the substrate during manufacturing.

3. A method for manufacturing a solar cell ~~forming~~ using a silicon substrate of square shape with corners as viewed in plan view, which is a monocrystalline silicon substrate with rounded corners, provided with an orientation flat at a first corner or a notch at or near a first corner,

wherein the first corner has a different shape from other corners whereby the direction of the silicon substrate is judged to keep the silicon substrate in the identical direction throughout the process of manufacturing a solar cell~~.~~,

wherein said first corner having notch at or near the first corner or orientation flat at the first corner is used to identify the direction of the substrate during manufacturing.

4. The method of for manufacturing a solar cell ~~forming silicon substrate~~ of claim 3, ~~having~~ wherein the silicon substrate has a surface in (100) plane, which substrate is provided with the orientation flat or the notch in a crystal orientation <110> passing substantially the center of the substrate.

5. The method of for manufacturing a solar cell ~~forming silicon substrate~~ of claim 3 or 4, wherein the silicon substrate has a second corner not diagonal to the first corner, which is provided with the orientation flat at the first corner and a notch at or near ~~another corner not diagonal to the first corner~~ the second corner,

wherein said first and second corners are used to identify the direction of the substrate and discriminate the front and back surfaces of the substrate during manufacturing.

~~6. A solar cell comprising a substrate of any one of claims 1 to 5, wherein a low-concentration diffusion layer is formed on the light-receiving surface of the substrate, and a high-concentration diffusion layer is formed where a finger electrode is to be formed.~~

~~7. A method for manufacturing a solar cell using a silicon substrate of any one of claims 1 to 6, wherein said first corner having chamfer at the first corner, notch at or near the first corner or orientation flat at the first corner is used to identify the direction of the substrate during manufacturing.~~

~~8~~6. The method for manufacturing a solar cell of ~~claim 7~~any one of claims 1 to 5, wherein the method includes forming a high-concentration diffusion layer where a finger electrode is to be formed and a low-concentration diffusion layer on the light-receiving surface of the substrate.

~~9~~7. The method for manufacturing a solar cell of claim ~~8~~6, wherein the method further includes forming a finger electrode on the high-concentration diffusion layer.