CLAIMS ~~(PCT)~~

1. A connecting mechanism, comprising:

a first contact and a second contact, each of the first and second contacts having

a first surface including at least in part a flat surface portion defined therein;

a second surface opposing the first surface; and

a contact surface extending between the first surface and the second surface;

the contact surface being designed so that, when the first contact and the second contact are electrically connected with each other, the contact surfaces of the first contact and the second contact make a surface contact therebetween that inclines with respect to the flat surface portions of the first and second contacts in a cross section that crosses the first surface, the second surface, and the contact surface.

2. The connecting mechanism of claim 1 wherein the first contact and the second contact are made by electroforming process in which a voltage is applied in a direction that is parallel to a plane~~the~~ orthogonal to the flat surface portion~~plane~~.

3. The connecting mechanism of claim 1 or 2 wherein each of the contact surfaces of the first and second contacts is inclined at an angle equal to or less than 45 degrees with respect to the orthogonal plane.

4. The connecting mechanism in any one of claims 1 to 3, wherein the second contact has a substantially U-shaped cross section in a plane~~when viewed from its front,~~ that extends parallel to the flat surface portions, and the first contact has a cross section that is engageable with the second contact~~substantially U-shaped from the front view~~.

5. The connecting mechanism of claim 4, wherein the first contact has a frame-like.

6. The connecting mechanism of claim 4 or 5, wherein the second contact has an opposed edges to define an opening for receiving the first contact therebetween, at least one of the edges including an engaging nail for retaining the first contact between the edges.

7. The connecting mechanism in any one of claims 1-3, wherein

the second contact is U-shaped in the plane parallel to the flat surface portion and has a pair of contact arms that extend in a downward direction from opposed inner surfaces of the second contact, and

the first contact has a distal end portion that defines a contact portion~~, provided at one end of the first contact~~ having a~~n~~ configuration that~~which~~ is being capable of inserted int~~o~~ the second contact, the contact portion being in~~makes~~ contact with the~~a~~ pair of contact arms when the first and second contacts are electrically connected with each other~~which each extend downward from an inner surface opposed to the second contact having a substantially U-shaped when viewed from its front~~.

8. The connecting mechanism of claim 7, wherein the second contact has a pair of opposing inner surfaces,

the opposing inner surfaces having respective edges projecting toward each other,

~~each of~~ the projecting~~opposed~~ edges having respective~~of the second contact has a~~n retaining nails for preventing the first contact from dropping out from the second contact, and

a pair of edges projected inwardly from the opposing inner surface edges of the second contact has an engaging nail for retaining the first contact between the edges.

9. A connecting mechanism, comprising:

a first contact and a second contact each made by electroforming process;

~~each of~~ the first and second contacts having first and second~~a~~ contact surfaces, respectively, that are~~is~~ inclined at an angle with respect to a direction along which a voltage was applied in the electroforming process;

~~the angles of the contact surface of the first contact and the contact surface of the second contact being the same,; and~~

the contact surface of the first contact and the contact surface of the second contact making a surface contact therebetween when the first and second contacts are electrically connected to each other.

10. The connecting mechanism of claim 9, wherein

each of the first and second contacts has a first surface and a second surface, the first surface having~~including~~ at least in part a first flat surface portion defined therein, the first and second surfaces opposing to each other;

~~the second contact has a second surface including at least in part a second flat portion defined therein; and~~

the first contact surface connecting the first and second surfaces of the first contact;

the second contact surface connecting the first and second surfaces of the second contact;

~~the surface contact extends between~~ the first ~~surface~~ and ~~the~~ second ~~surface thereof so that the~~ flat surface portions of the first and second contacts being ~~is~~ orthogonal to the direction ~~along which a voltage was applied in the electroforming process~~.

11. A substrate for manufacturing a connecting mechanism according to any one of claims 2, 9, and 10, comprising:

a conductive member;

an ~~electrically~~ insulative member placed on the conductive member; and

wherein the insulative member has~~forms~~ a cavity defined therein to extend through the insulative member~~, which is enable to be divided from the conductive member~~.