a) each of said arms has skin engaging tip ends directed away from the base support for effecting tactile stimulation of a skin surface contacting such tip ends through deformation of the skin surface,

b) the tip ends on each of said arms are independently displaceable, upon actuation, laterally to the line of said arms to positions that are out of alignment with the line of arms,

which tin ends, upon displacement from their initial positions in the line of said arms, transfer a deforming force to skin surface contacted by such tip ends, tending to deform skin so contacted in a direction parallel to the skin surface and transversely to the line of arms, the common base support and a plurality of individually actuatable, bendable, cantilevered arms comprising:

i) two outer face surfaces that extend over the common base support and over the bendable cantilevered arms,

ii) a piezoelectric bimorph bending plate contained between the two outer face surfaces within the bendable cantilevered arms of the tactile stimulation display transducer device, and

iii) first and second outer conductive layers respectively forming part of the piezoelectric bimorph bending plate and extending generally over both of the two face surfaces of each of said cantilevered arms for individual electrical actuation of each of said cantilevered arms,

wherein the conductive layers of each bendable cantilevered arm are electrically isolated from the conductive layers of adjacent, neighboring cantilevered arms whereby skin overlying the tip ends will tend to be stretched or compressed upon displacement of one or more of the tips.

6. An area tactile stimulation display device, or "area tactile display device", comprising a plurality of individual tactile stimulation display transducer devices as in claim **5**, wherein said individual tactile stimulation display transducer devices are arranged in first and second sub-arrays wherein respective member devices of the first and second sub-arrays are positioned side by side to each other whereby skin overlying the tip ends will tend to be stretched or compressed towards adjacent tips upon displacement of one or more of the tips.

* * * * *