CLAIMS

1. A conductive film, comprising:

a plurality of conductive nanostructures, wherein:

at least some of the plurality of conductive nanostructures are reoriented,

the conductive film has a first dimension and a second dimension perpendicular to the first dimension,

both the first and the second dimensions are perpendicular to a normal of the conductive film,

the conductive film has an anisotropy, which is defined as a ratio (RTD/RMD) of a first sheet resistance (RMD) and a second sheet resistance RTD),

the first sheet resistance (RMD) is measured at a given location along the first dimension and the second sheet resistance (RTD) is measured at the given location along the second dimension, and

the anisotropy is greater than 1 and less than 1.5 according to a reorientation of the at least some of the plurality of conductive nanostructures.

2. The conductive film of claim 1, wherein:

the conductive film has a plurality of anisotropies, each of the plurality of anisotropies is defined as the ratio (RTD/RMD) of the first sheet resistance (RMD) and the second sheet resistance (RTD),

for each of the plurality of anisotropies, the first sheet resistance (RMD) is measured at a given location along the first dimension and the second sheet resistance (RTD) is measured at the given location along the second dimension,

the conductive film has a maximum anisotropy and a minimum anisotropy among the plurality of anisotropies, and

a difference between the maximum anisotropy and the minimum anisotropy is less than 25% of the minimum anisotropy according to a reorientation of the at least some of the plurality of conductive nanostructures.

3. The conductive film of claim 2, wherein the difference between the maximum anisotropy and the minimum anisotropy is less than 10% of the minimum anisotropy.

4. The conductive film of claim 1, wherein the plurality of conductive nanostructures have a hollow core.

5. The conductive film of claim 1, wherein the plurality of conductive nanostructures have a solid core.

6. The conductive film of claim 1, wherein the plurality of conductive nanostructures are isotropically-shaped.

7. The conductive film of claim 1, wherein the plurality of conductive nanostructures are anisotropically-shaped.

8. The conductive film of claim 1, wherein the plurality of conductive nanostructures are silver nanowires.