

**HOT Release**

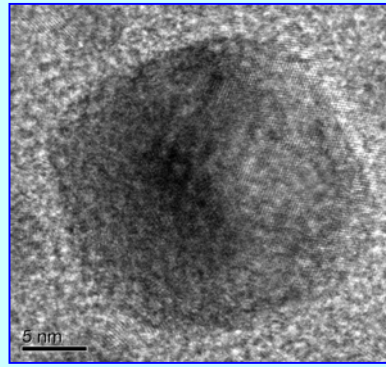
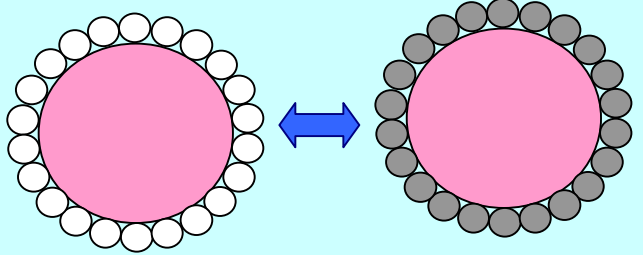
**Core / Shell**

**Nano metallic particles**

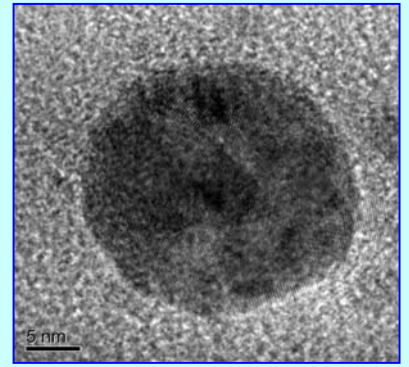
**Feature**

Core/Shell nano Particles synthesized by  
Vacuum vaporization or Wet chemical reduction  
Base Metal / Noble metal, Mono metal / Alloyed Metal

**IMAGES**



Cu / Ag particle



Ni / Ag particle

Patent pending

**HOT Release**

**Shape Control of**

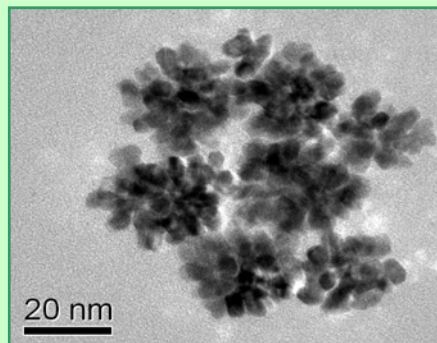
**Nano metallic particles**

**Feature**

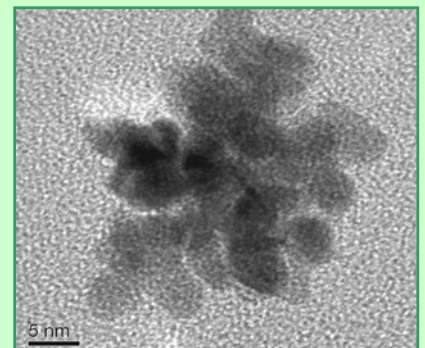
Proprietary Synthesis with Chemical Reduction for Shape Control  
Far Larger Surface Area is generated and excellent thermal stability.



Comfit like crystal



~30 nm



Dendritic 5~8 nm

Patent pending

Remark: Bio·Nano Electronics Research Laboratory, Toyo University contributes the above TEM-images.

**K.K. SHINKO KAGALKU KOGYOSHO**

Contact: 1544-19 Mashimori, Koshigaya, Saitama 3430012 Japan  
TEL: 81-48-964-9500 E-mail: info@shinkou-kagaku.co.jp