

Microscope image system

TeraSynth

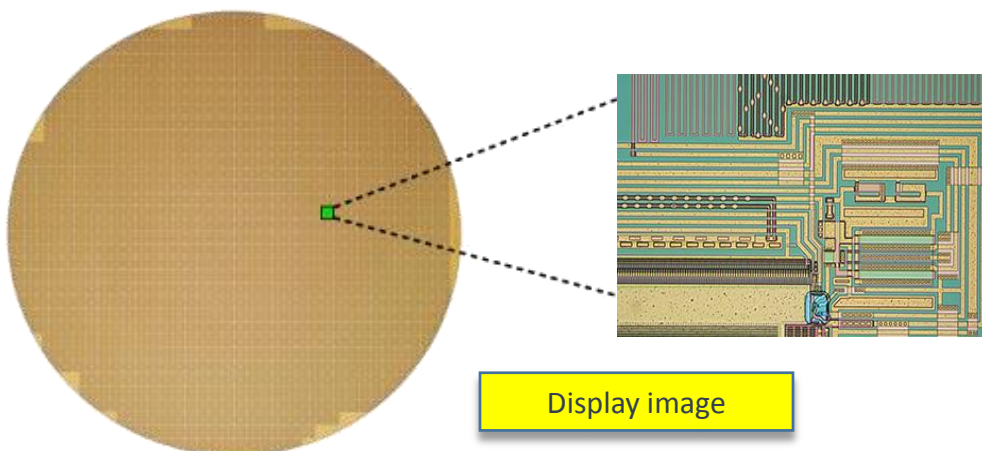
Ultra high definition image display and processing system

Ultra high definition imaging system of
innovation to the world of new discovery



Display of ultra-high definition images by multiple image synthesis

- Overwhelming data display range
 - 1 pixel = **0.1 mm accuracy**, display of **30 m × 30 m** or more is possible
 - Composite display of 2000 images or more is possible
- Overwhelming large scale and high precision (It can display more than **90 billion pixels**)
- Overwhelming display speed



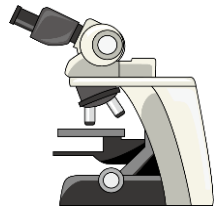
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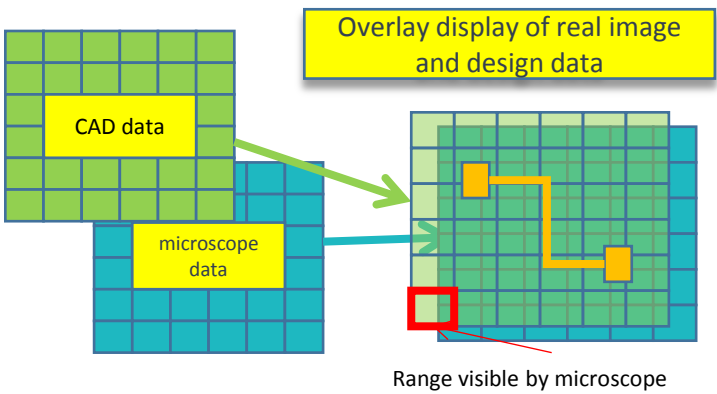
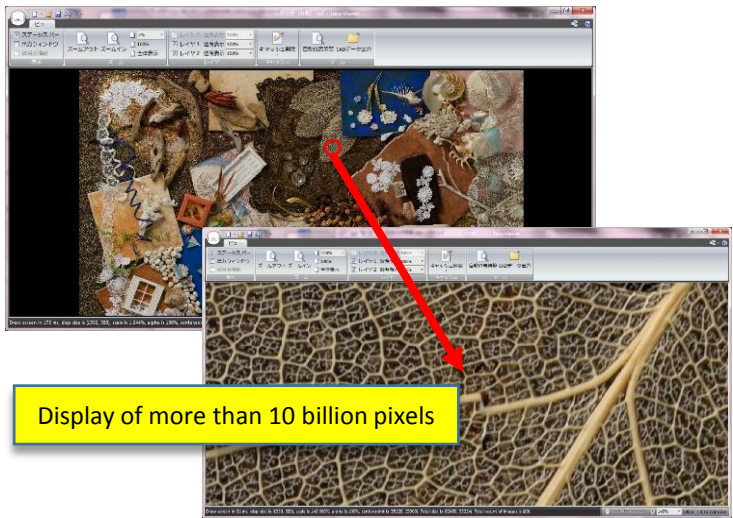
HP : <http://www.kamiens.com>

Function for microscope

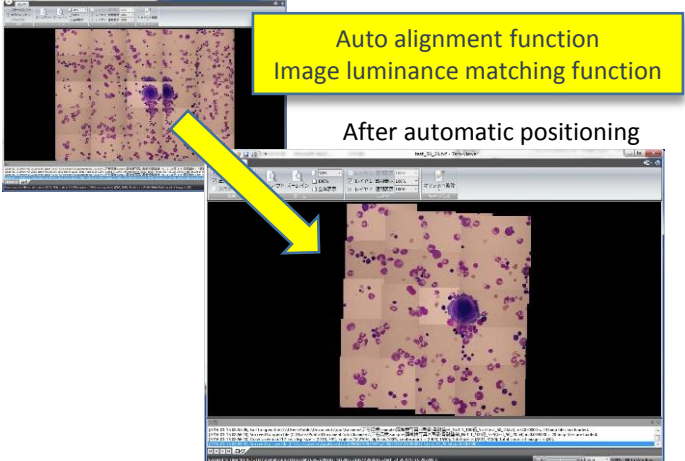


• Basic system

- Ultra high precision image display
- Layer overlap display
- Auto alignment function
- Image registration editor etc.



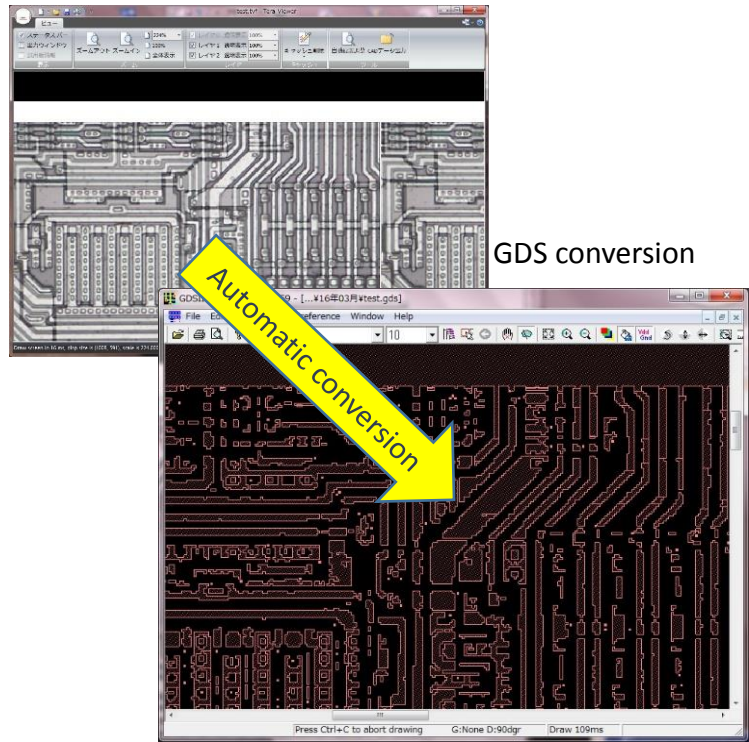
photographed with a microscope



• CAD data conversion

- Convert the whole data to CAD data in a hierarchical structure (GDS2 format)
- Format other than GDS sequentially

photographed with a microscope



• Automatic microscope photographing device (custom order)

- A system for automatically shooting ultrahigh resolution microscopic photographs



• Automatic object recognition function

- can register targets and search from images