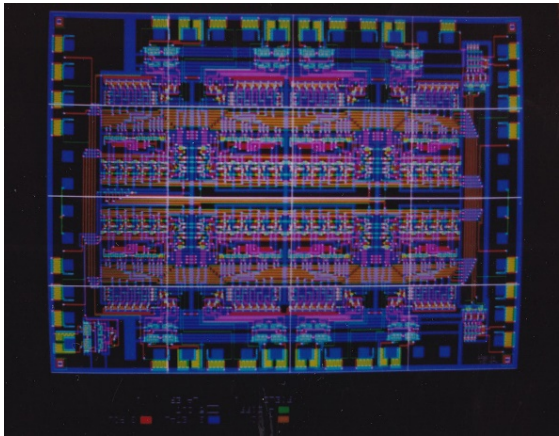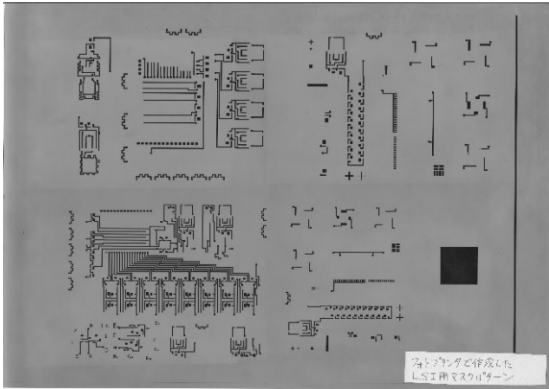# 1   Fabrication of photomask

Patterning system for layout design
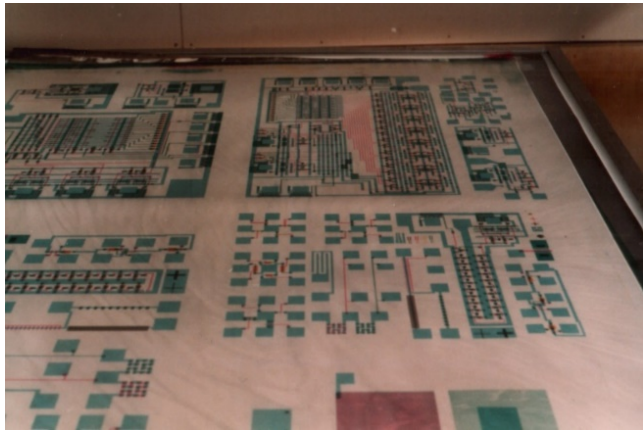(Minicomputer PDP11)

Layout (Graphic editor was made by Fortran)

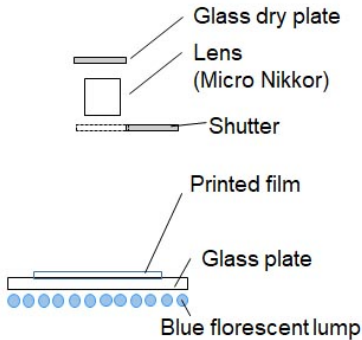Photo printer for output

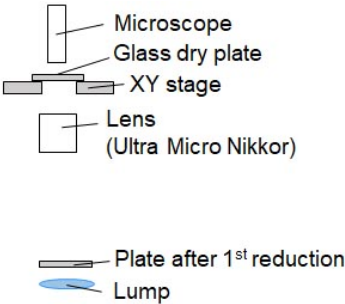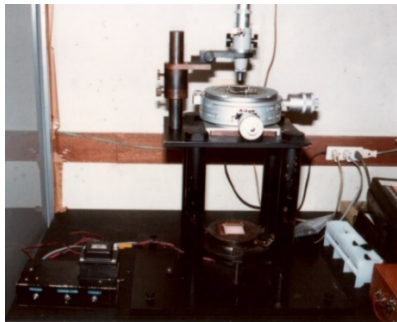Printed transparent film

Patterns of each layers are checked

1/20 reduction camera (exhibited)

- Glass dry plate
- Lens (Micro Nikkor)
- Shutter
- Printed film
- Glass plate
- Blue florescent lump

1/10 reduction camera for repeated pattern

- Microscope
- Glass dry plate
- XY stage
- Lens (Ultra Micro Nikkor)
- Plate after 1st reduction
- Lump

Mask making room