

# OM Sangyo CO., LTD

2/5/2018 University of California, Irvine

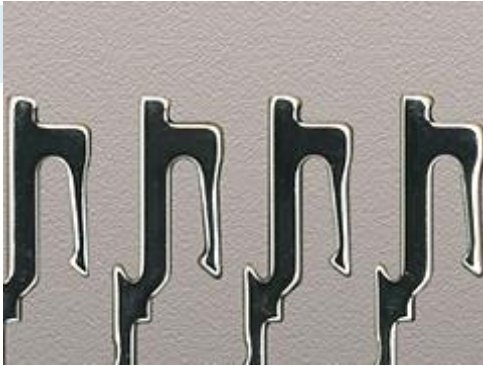


# About Our Company

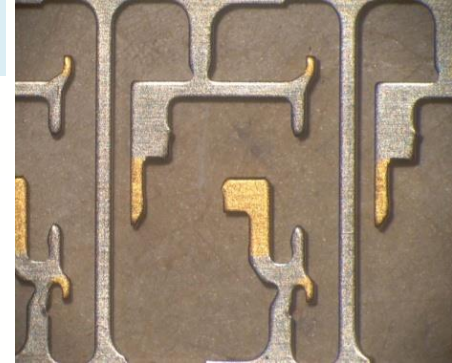
Our company have 75 years experience of plating in Japan

## Our Products

Lead free tin

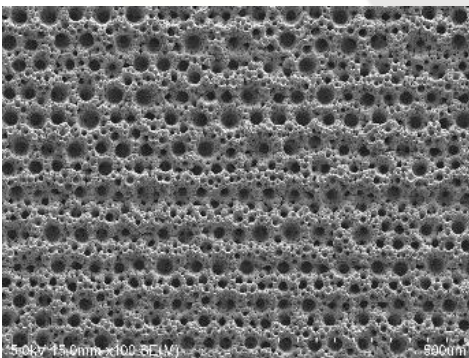


Partial gold plating

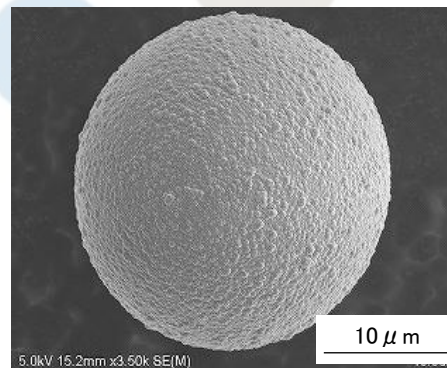


## Our Developments

Porous film plating



Plating on fine particles



Tin film with low friction coefficient / high whisker resistance



# Our Location

Head office @Okayama



Tochigi Factory



Sinsei

Tokyo

Siam OKAME



## ▪ Head office / Factory / Laboratory

3-18-48, Noda, Kita-ku, Okayama-shi,  
Okayama, Japan

## ▪ Tochigi Factory

1062-10, Nishikatamachi Honjo,  
Tochigi-shi, Tochigi, Japan

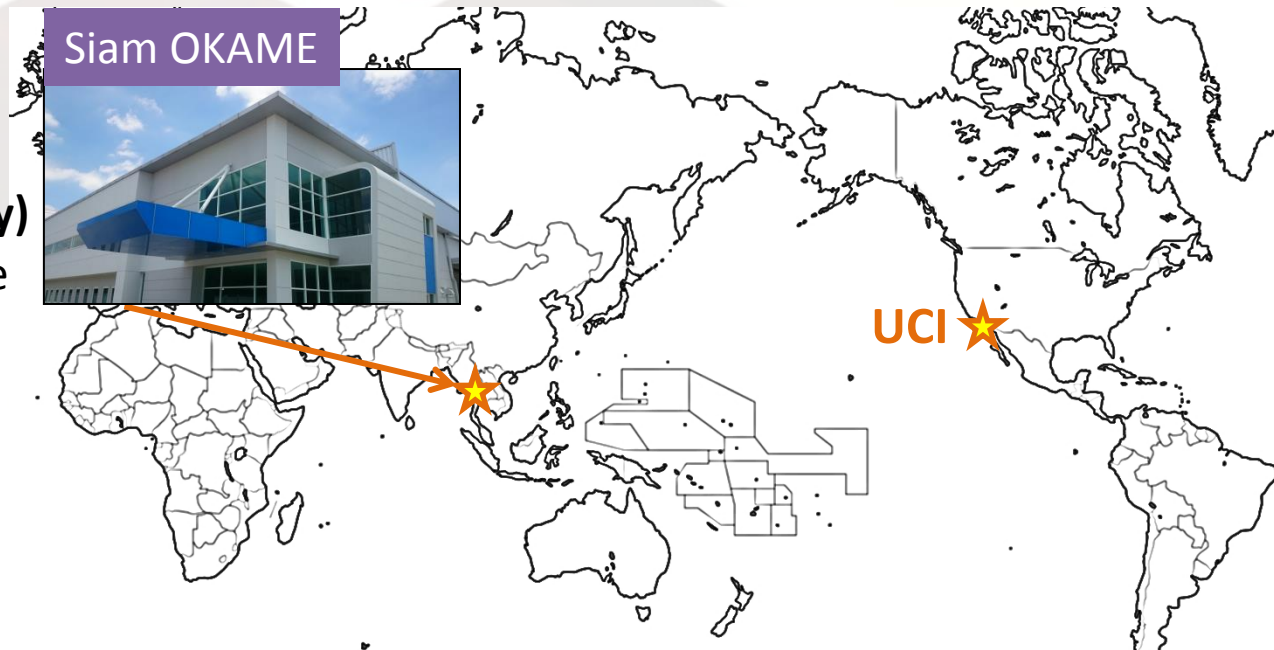
## ▪ Sinsei (Subsidiary)

1-16, Asahigaoka, Hakusan-shi,  
Ishikawa, Japan

## ▪ Siam OKAME (Thailand Factory)

Amata Nakorn Industrial Estate  
700/915 Moo 3, Nonggaka,  
Phantong,  
Chonburi province 20160  
Thailand

UCI

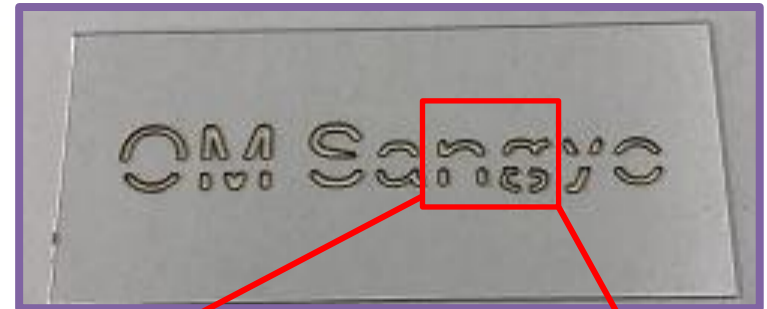


# Our Technology

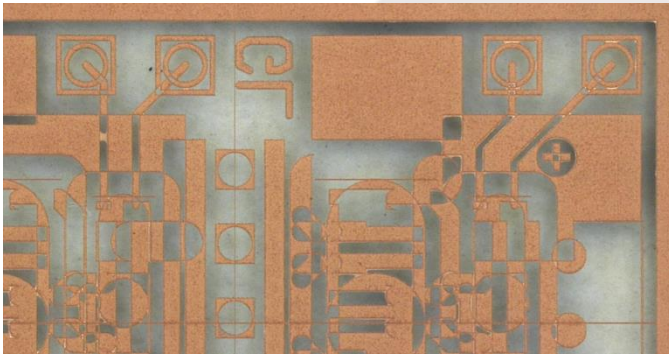
## 1) Plating on glass



Plating only at through-holes sidewall



Copper pattern wire on glass board



We can plate on glass directly and selectively with good adhesion

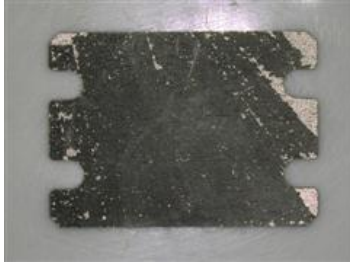

# Our Technology

## 2) Plating on graphite

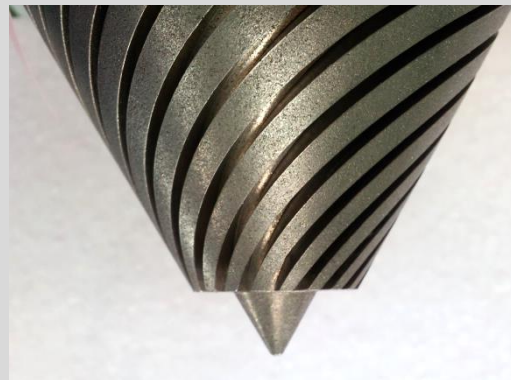
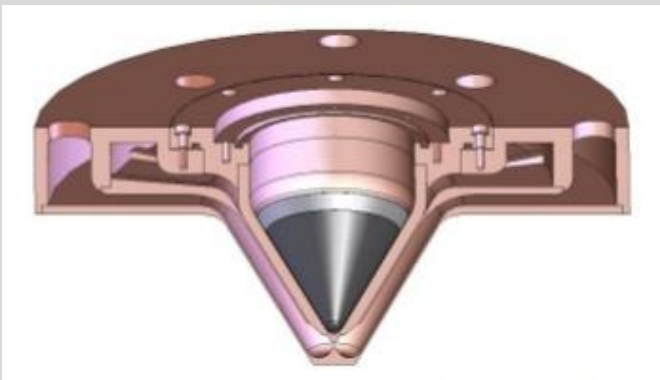


Graphite board plated with Ni and gold

### Result of adhesion test

Surface modification	
Without	with
	

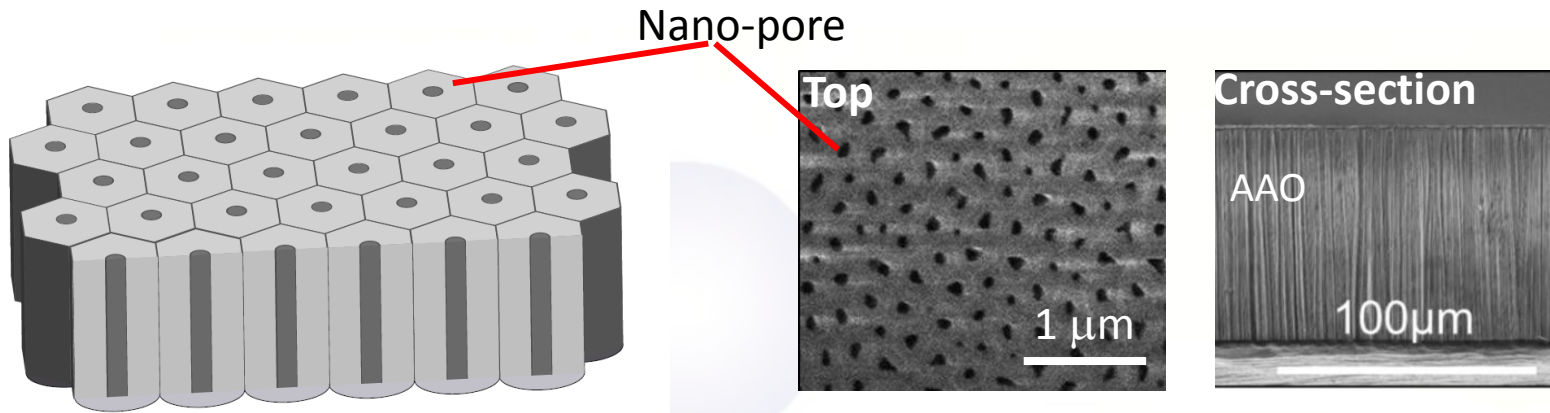
### Example for medical application



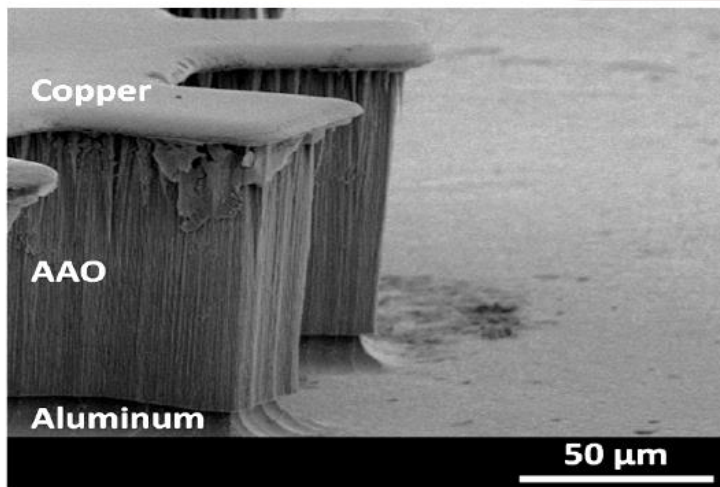
Target/Heat exchanger of Boron Neutron Capturer Therapy(BNCT) for cancer

# Our Technology

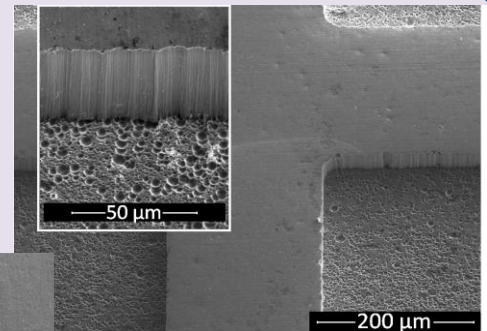
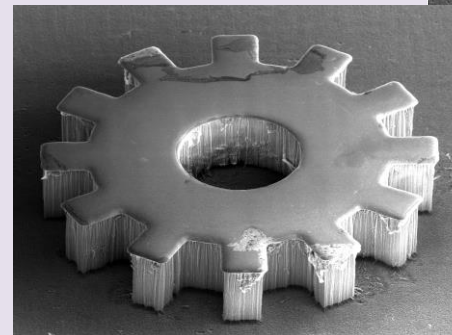
## 3) Fabrication of Anodic Aluminum Oxide(AAO) structures



AAO film is etched anisotropically by wet chemical etching



AAO microgear



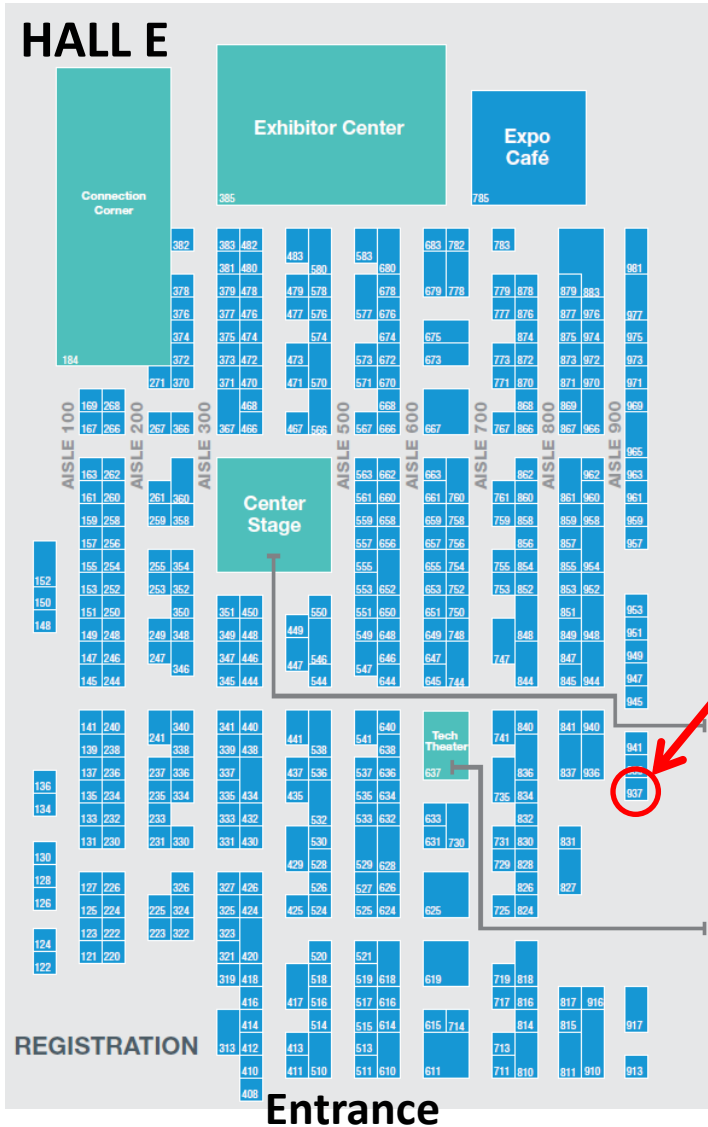
Micromold for  
microfluidics

We will open the booth at MD & M west 2018.

Anaheim convention center  
2/6/2018 – 2/8/2018

**Our booth is HERE !**  
Booth # : 937 at Hall E

**Please visit our booth !**  
We can show you samples and talk more  
about our technologies.



**Thank you for your attention!!**