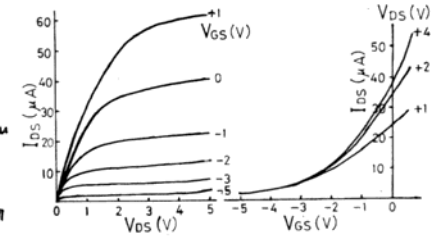
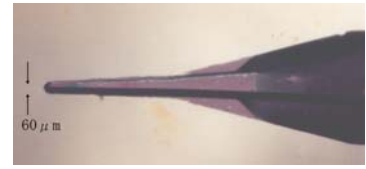
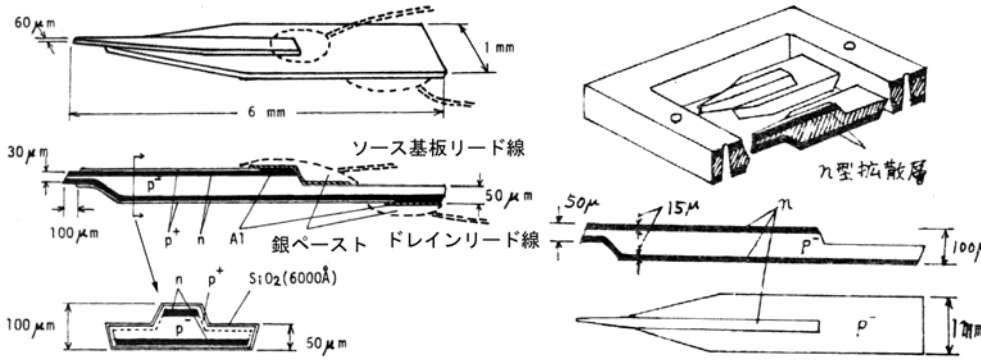
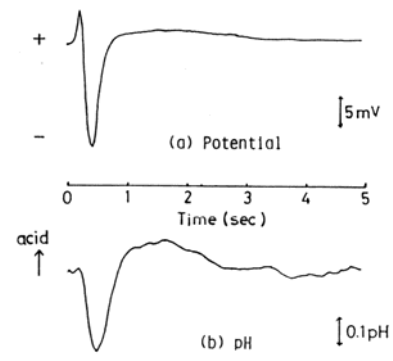
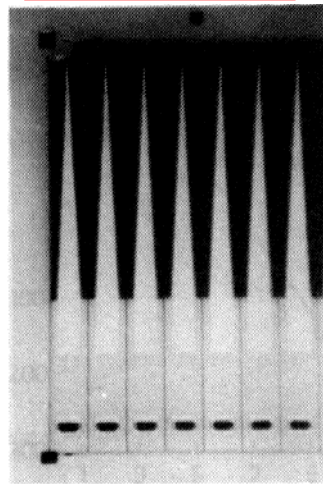
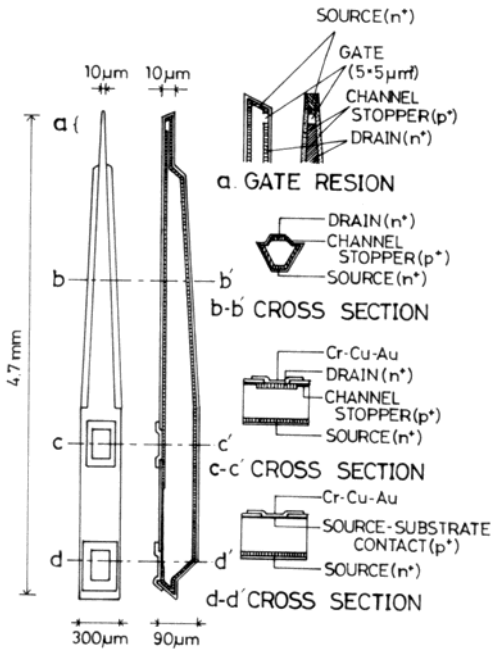
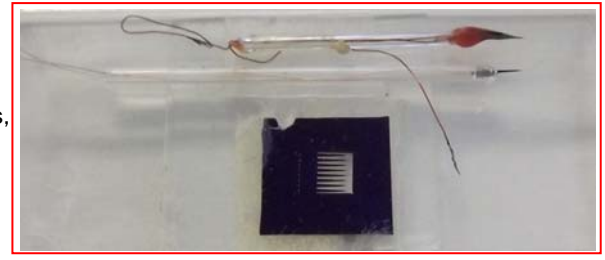


マイクロ ISFET と集積化マイクロプローブ



先端 60 μm マイクロ ISFET

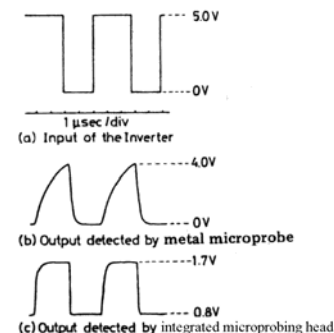
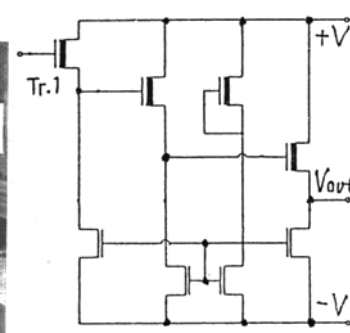
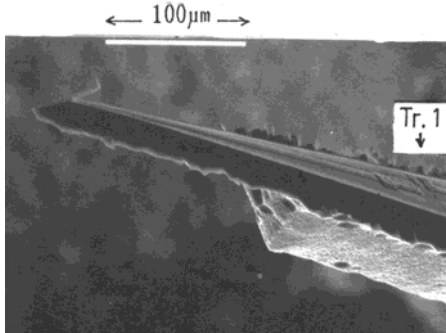
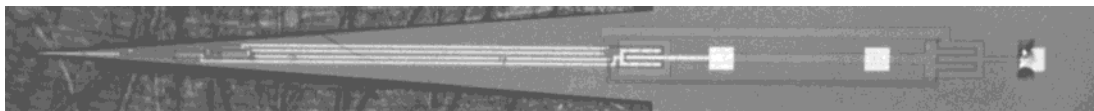
参考文献 : M.Esashi and T.Matsuo, Biomedical Cation Sensor Using Field Effect of Semiconductor, J. of the Japan Soc. of Applied Physics, 44, Supplement (1975) pp.339-343



光刺激による細胞の活動電位とpH変化

先端 10 μm マイクロ ISFET

参考文献 : 庄子習一, 江刺正喜, 松尾正之, 生体用マイクロ ISFET の試作, 電子通信学会論文誌 C, J68-C (1985) pp.628-634



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参考文献 : S.Shoji, M.Esashi and T.Matsuo, Fabrication of an Integrated Micro Probing Head for Fault Analysis of MOS Integrated Circuits, Sensors & Actuators, 14 (1988) pp.125-132