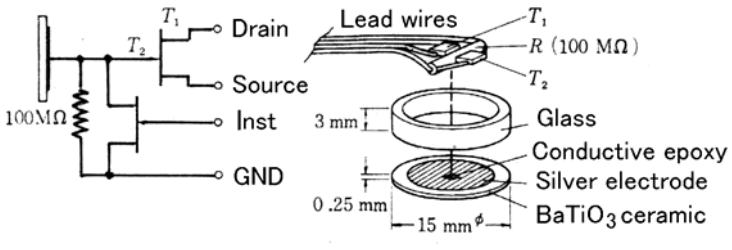
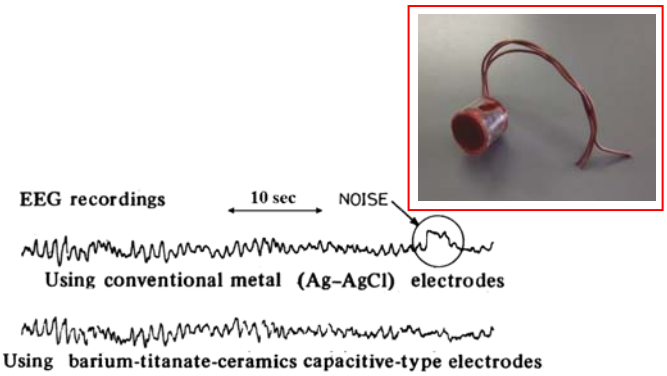
D1

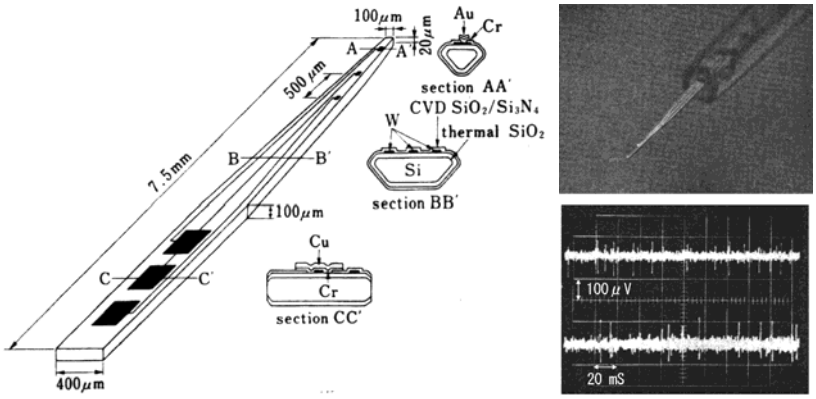
Medical Electrode

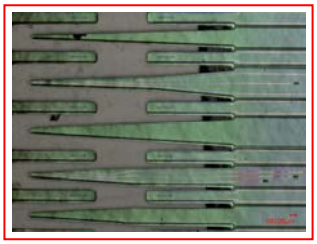




Capacitive electrode

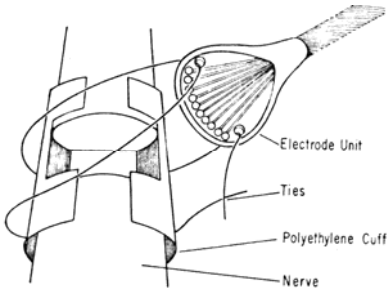
Reference : T.Matsuo, M.Esashi, K.Iinuma, Capacitive Electrode for Biomedical Use (—the Use of Barium-titanate Ceramics for Biomedical Sensing Electrode—), Medical Electronics and Biomedical Engng., 11 (1973) pp.156-162
T.Matsuo, K.Iinuma and M.Esashi, A Barium-Titanate-Ceramics Capacitive-Type EEG Electrod, IEEE Trans.on Biomedical Engineering, BME-20 (1973) pp.299-300

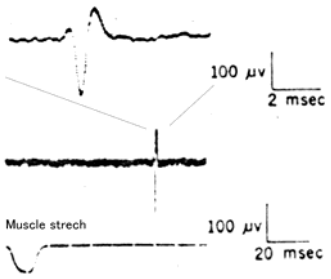


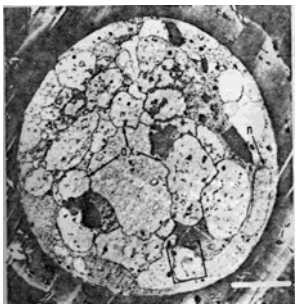


Micro multielectode

Reference : Y.Ohta, M.Esashi, T.Matsuo, Multielectrode Fabrication for Simultaneous Recording of Nerve Impulses Using IC Techniques, Medical Electronics and Biomedical Engng., 19 (1981) pp.106-113
T.Matsuo, A.Okitsu, M.Esashi, Fabrication of Flexible Multi Electrode for Biomedical Use, Tohoku region meeting of Electrical Eng., 1B11 (1978)

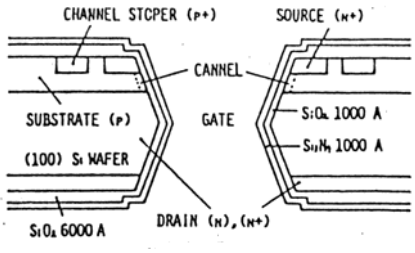


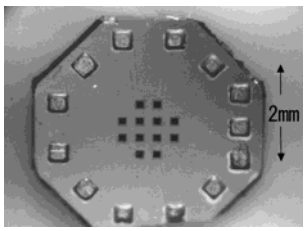


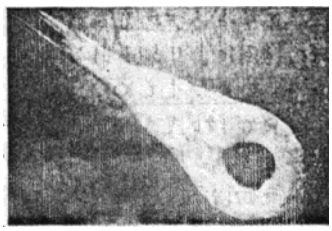


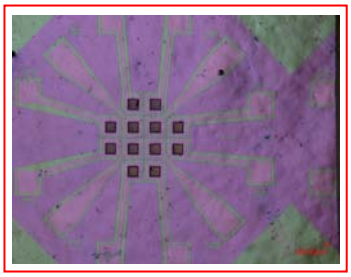
Nerve regeneration electrode (Univ. of Alberta, Canada)

Reference : A.Mannard, R.B.Stein and D.Charles, Regeneration Electrode Units : Implants for Recording from Single Peripheral Nerve Fibers in Freely Moving Animals, Science, 183 (1974) pp.547-549









Nerve regeneration electrode using open gate MOSFET

Reference : A.Yamaguchi, T.Matsuo, M.Esashi, Fabrication of Multi-Hole-Active Electrode for Nerve Bundle, 17th Convention of Japan Soc. ME & BE (1978) p.261