9906619-3 IPOS

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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : A61M 5/32	A1	(11) International Publication Number: WO 99/00155
		(43) International Publication Date: 7 January 1999 (07.01.99)

(21) International Application Number: PCT/US98/13560

(22) International Filing Date: 29 June 1998 (29.06.98)

(30) Priority Data:
08/884,867 30 June 1997 (30.06.97) US

(71) Applicant: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 5th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) Inventors: LEBOUITZ, Kyle, S.; 555 Pierce Street #1031, Albany, CA 94706 (US). PISANO, Albert, P.; 826 Cherokee Drive, Livermore, CA 94550 (US).

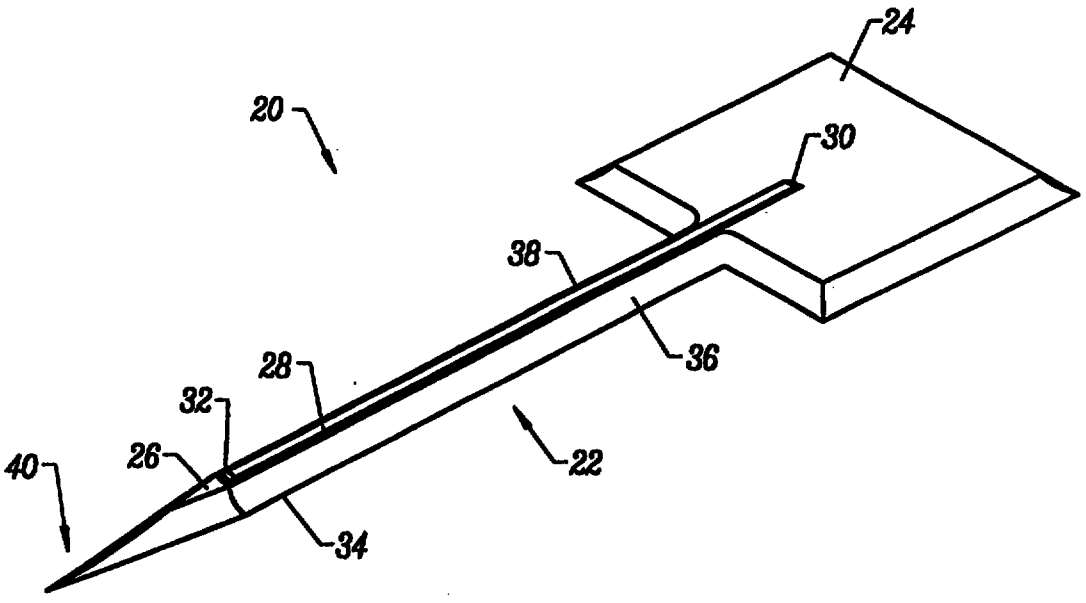
(74) Agents: GALLIANI, William, S. et al.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.

1 PD.
1 applⁿ.
2 Invs.
IPC : A61M 5/32
IPER 28/1/99.

(54) Title: TRANSDERMAL PROBE WITH AN ISOTROPICALLY ETCHED TIP, AND METHOD OF FABRICATING SUCH A DEVICE



(57) Abstract

A probe (20) includes an elongated body (22) with a top surface (26), a bottom surface (34), a frist sidewall (36) between the top surface (26) and the bottom surface (34), and a second sidewall (38) between the top surface (26) and the bottom surface (34). An end (40) is defined by the bottom surface (34) converging into a tip, an isotropic etched portion of the frist sidewall (36) converging into the tip (34), and an isotropic etched portion of the second wall (38) converting into the tip (34). The elongated body is less than approximately 700 micrometers wide, and less than approximately 200 micrometers thick. The elongated body may incorporate a fluid channel. The elongated body may be formed of silicon that is not doped with boron.