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प्राधिकार से प्रकाशित PUBLISHED BY AUTHORITY

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NEW DELHI, SATURDAY, NOVEMBER 9, 2002 (KARTIKA 18, 1924)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके। (Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2 [PART III—SECTION 2]

[पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस] [Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Kolkata, the 9th November 2002

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THE GAZETTE OF INDIA, NOVEMBER 9, 2002 (KARTIKA 18, 1924)

IND. CL

154 C [XXX VII (1)]

188787

INT. CL.

H 01 S 3/00

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B 23 K 26/18

TITLE

AN IMPROVED LASER MARKING & ENGRAVING

MACHINE.

APPLICANTS

BHARAT BHOGILAL PATEL, 1/41. JUHU GOLD MIST,

JUHU GULMOHAR ROAD,

J.V.P.D. SCHEME, VILEPARLE (W), MUMBAI: 400 049. MAHARASHTRA,

INDIA.

**INVENTORS** 

BHARAT BHOGILAL PATEL

APPLICATION NO. 611/BOM/1998

FILED ON: 21/09/1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

## 5 CLAIMS.

An improved laser marking & engraving machine consisting of the laser hand comprising of head, mirror mount to mount the mirror, Q-switch to mount the Q-switch, Aperature mount to regulate the aperature so as to vary the intensty of the Laser Beam, which is further provided with a beam bender for positioning the beam in a required direction which is supported in a rail & connected to a control panel provided with power supply, RF Driver, Haat Exchanger, Chiller to generate a laser beam of required intensity for marking/etching, engraving, scrubbing, cutting as per the required desum programmable through a computer on metals and non-metals through beam steared galvo's and flat field galvo's/scanning heads.

Complete Specification : 10 Pages; Drawing 2 Sheet.