

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6 K

REPORT OF FOREIGN PRIVATE ISSUER

PURSUANT TO RULE 13a-16 OR 15d-16

UNDER THE SECURITIES EXCHANGE ACT OF 1934

EDAP TMS S.A. Files

Press Release issued on

18 December 2002 regarding

Response to BSD Suit

EDAP TMS S.A.

Parc Activite La Poudrette Lamartine

4/6 Rue du Dauphine

69120 Vaulx-en-Velin

France

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-FX..... Form 40-F.....

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes NoX.....

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date :

EDAP TMS S.A.

S/PHILIPPE CHAUVEAU

PHILIPPE CHAUVEAU

CHAIRMAN AND CHIEF EXECUTIVE OFFICER

EDAP TMS S.A. RESPONDS TO BSD MEDICAL CORPORATION LAWSUIT

Vaulx-en-Velin, France, December 18, 2002-- EDAP TMS S.A. (Nasdaq: EDAP), a global leader in the development, marketing and distribution of a portfolio of minimally-invasive medical devices for the treatment of urological diseases, today responded to reports that BSD Medical Corporation has brought a lawsuit against one of the Company's subsidiaries, EDAP Technomed, Inc. claiming unpaid royalties due by saying that the claim is baseless and without merit.

The Company further stated that the management of EDAP Technomed, Inc. is confident in its defenses and will defend itself vigorously in a court of law.

EDAP TMS S.A. is the global leader in the development, production, marketing and distribution of a portfolio of minimally invasive medical devices primarily for the treatment of urological diseases. The Company currently produces and markets devices for the minimally invasive treatment of localized prostate cancer, using High Intensity Focused Ultrasound (HIFU) and the treatment of urinary tract stones using Extra-corporeal Shockwave Lithotripsy (ESWL). The Company also produces and markets in Japan and Italy devices for the non-surgical treatment of benign Prostate Hyperplasia (BPH) using Microwave Thermotherapy (TUMT). The Company is also developing HIFU for the treatment of certain other types of tumors. For more information, in the U.S., contact EDAP Technomed Inc., the Company's U.S. subsidiary located in Atlanta, GA, by phone at (770) 446-9950.