

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934
(Amendment No.)

EDAP TMS S.A.

COMMON STOCK
ADR, common

268311107

December 31, 2006
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 268311107

- 1) Names of Reporting Persons.
I.R.S. Identification Nos. of Above Persons (entities only)
Bruce & Co., Inc.

2) Check the Appropriate Box if a Member of a Group (a) []
(See Instructions) (b) []

3) SEC Use Only

4) Citizenship or Place of Organization
Illinois

Number of Shares 5) Sole Voting Power 550,050
Beneficially -----
Owned by Each 6) Shared Voting Power
Reporting -----
Person With 7) Sole Dispositive Power 550,050

8) Shared Dispositive Power

9) Aggregate Amount Beneficially Owned by Each Reporting Person
550,050

10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares
(See Instructions) []

11) Percent of Class Represented by Amount in Item 9
6.25%

12) Type of Reporting Person (See Instructions)
IA

ITEM 1.

- (A) NAME OF ISSUER
EDAP TMS S.A.
- (B) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICE
4-6, rue du Dauphine
69120 Vaulx-en-Velin
France

ITEM 2.

- (A) NAME OF PERSONS FILING
Bruce & Co., Inc.
- (B) ADDRESS OF PRINCIPAL BUSINESS OFFICE OR IF NONE, RESIDENCE
20 North Wacker Drive, Suite 2414, Chicago, IL 60606
- (C) CITIZENSHIP
Illinois Corporation
- (D) TITLE OF CLASS OF SECURITIES
ADR, common stock
- (E) CUSIP NUMBER
268311107

ITEM 3.

If this statement is filed pursuant to rule 240.13d- 1(b), or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) ___ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
- (b) ___ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) ___ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d) ___ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) X An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E).
- (f) ___ An employee benefit plan or endowment fund in accordance with 240.13d-1(b)(1)(ii)(F).
- (g) ___ A parent holding company or control person in accordance with 240.13d-1(b)(1)(ii)(G)
- (h) ___ A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
- (i) ___ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3).
- (j) ___ Group, in accordance with section 240.13d-1(b)(1)(ii)(J).

ITEM 4. OWNERSHIP.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned:
550,050

- (b) Percent of class:
6.25%
- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote: 550,050
 - (ii) Shared power to vote or to direct the vote:
 - (iii) Sole power to dispose or to direct the disposition of: 550,050
 - (iv) Shared power to dispose or to direct the disposition of:

Bruce & Co., Inc., an Illinois corporation and registered investment adviser under the Investment Advisers Act of 1940, is filing this Schedule 13G in its capacity as the investment manager for Bruce Fund, Inc., a Maryland registered investment company, and other clients.

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following /___/.

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP

ITEM 9. NOTICE OF DISSOLUTION OF GROUP

ITEM 10. CERTIFICATION.

By signing below we certify that, to the best of our knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Dated: February 13, 2007

By: /s/ R. Jeffrey Bruce

Name: R. Jeffrey Bruce
Title: Secretary, VP