Birch Laurence Form 4 March 23, 2009

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005 Estimated average

0.5

Form 4 or Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

SECURITIES

burden hours per response...

See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Birch Laurence

(Last)

(City)

Symbol DATATRAK INTERNATIONAL INC [DATA]

(Check all applicable)

3. Date of Earliest Transaction (Month/Day/Year)

_X__ Director 10% Owner X_ Officer (give title Other (specify

6150 PARKLAND BOULEVARD

(First)

03/19/2009

below) below) Interim CEO & Interim Pres.

(Zip)

(Middle)

6. Individual or Joint/Group Filing(Check

(Street) 4. If Amendment, Date Original Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

MAYFIELD HEIGHTS, OH 44124 (State)

Person Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially (D) or Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

(A) or

Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

Common

Shares. without par

 $9,636 \frac{(1)}{2}$ D

value

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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$\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (\emph{e.g.}, puts, calls, warrants, options, convertible securities) \\ \end{tabular}$

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Director Stock Option (right to buy)	\$ 2.2 <u>(1)</u>					11/13/2007	11/13/2017	Common Shares	8,129 (2)
Director Stock Option (right to buy)	\$ 1.79 <u>(1)</u>					02/29/2008	02/28/2018	Common Shares	8,400 (2)
Director Stock Option (right to buy)	\$ 0.69 <u>(1)</u>					05/13/2008	05/13/2018	Common Shares	7,149 (2)
Director Stock Option (right to buy)	\$ 0.37 (1)					08/11/2008	08/11/2018	Common Shares	8,129 (<u>2)</u>
Director Stock Option (right to buy)	\$ 0.24 (1)					11/11/2008	11/11/2018	Common Shares	8,563 (2)
Director Stock Option (right to buy)	\$ 0.24 (1)					11/11/2008	11/11/2018	Common Shares	17,557 (2)
Director Stock Option	\$ 0.12	03/19/2009		A	7,603 (2)	03/19/2009	03/19/2019	Common Shares	7,603

(right to buy)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Birch Laurence 6150 PARKLAND BOULEVARD MAYFIELD HEIGHTS, OH 44124

X

Interim CEO & Interim Pres.

Signatures

/s/ Laurence P. Birch, by Arthur C. Hall III, his attorney-in-fact, pursuant to Power of Attorney, dated April 20, 2007, on file with the Commission.

03/23/2009

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Beneficial ownership of these securities was reported on a previously filed Form 3, Form 4 or Form 5.
- Options were granted under the Company's 2005 Omnibus Equity Plan in reliance upon the exemption provided by Rule 16b-3. The options are fully vested and immediately exercisable.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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