

FOXHOLLOW TECHNOLOGIES, INC.

Form 3

November 15, 2006

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *

Â MERCK & CO INC
 (Last) (First) (Middle)

ONE MERCK DRIVE
 (Street)

WHITEHOUSE
 STATION,Â NJÂ 08889-0100
 (City) (State) (Zip)

2. Date of Event Requiring Statement

(Month/Day/Year)
 11/09/2006

3. Issuer Name and Ticker or Trading Symbol

FOXHOLLOW TECHNOLOGIES, INC. [FOXH]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___X___ 10% Owner
 ___ Officer ___ Other
 (give title below) (specify below)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 ___X___ Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)

Common Stock

2. Amount of Securities Beneficially Owned (Instr. 4)

3,206,318

3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)

D

4. Nature of Indirect Beneficial Ownership (Instr. 5)

Â

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

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and Expiration Date (Month/Day/Year)

Date Exercisable Expiration Date

3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)

Title Amount or Number of

4. Conversion or Exercise Price of Derivative Security

5. Ownership Form of Derivative Security: Direct (D) or Indirect

6. Nature of Indirect Beneficial Ownership (Instr. 5)

Shares (I)
(Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MERCK & CO INC ONE MERCK DRIVE WHITEHOUSE STATION, NJ 08889-0100	^	^ X	^	^

Signatures

/s/ Mark E. McDonough, Assistant Treasurer	11/09/2006
**Signature of Reporting Person	Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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).
- Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.
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