Call Charles Frank Form 4 October 19, 2010

OMB APPROVAL

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

OMB 3235-0287 Number:

January 31,

Check this box if no longer subject to Section 16. Form 4 or

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

Symbol

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Call Charles Frank Issuer

> **CLEAN DIESEL TECHNOLOGIES** (Check all applicable) INC [CDTI]

(Last) (First) (Middle) 3. Date of Earliest Transaction _X__ Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year)

below) C/O CLEAN DIESEL 10/15/2010 Chief Executive Officer TECHNOLOGIES, INC., 4567

TELEPHONE ROAD, SUITE 206

(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

VENTURA, CA 93003

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Disposed of (D) Beneficially (D) or Beneficial Code (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4)

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

Common \$0 10/15/2010 $167^{(1)}$ 167 (1) $D^{(3)}$ (2) Stock

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

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Reported

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

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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. Transactic Code (Instr. 8)	5. Number opf Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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
Common stock warrants (right to buy)	\$ 7.92 (1)	10/15/2010		A	137 (1)	10/15/2010	10/15/2013(4)	Common stock	137 (1)

Reporting Owners

Reporting Owner Name / Address	Relationships					
·	Director	10% Owner	Officer	Other		
Call Charles Frank C/O CLEAN DIESEL TECHNOLOGIES, INC. 4567 TELEPHONE ROAD, SUITE 206 VENTURA, CA 93003	X		Chief Executive Officer			

Signatures

/s/ Kristi Cushing for Charles
Frank Call

**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) Amount and/or exercise price reflect the one for six reverse stock split of the issuer's common stock that took effect October 15, 2010.
- Received in exchange for 21,276 shares of Class A common stock of Catalytic Solutions, Inc. ("CSI") in connection with the business combination of Clean Diesel Technologies, Inc. ("CDTI") and CSI in which a subsidiary of CDTI merged with and into CSI (the "Merger").
- (3) These shares and warrants are held jointly with Mr. Call's spouse.

The warrants will expire on the earlier of (i) the third anniversary of the effective time of the Merger and (ii) the date that is 30 days after (4) CDTI gives notice to the warrant holder that the market value of one share of CDTI common stock has exceeded 130% of the exercise price of the warrant for 10 consecutive days.

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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