

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>CommScope, Inc. of North Carolina</u>			2. Issuer Name and Ticker or Trading Symbol <u>HYDROGENICS CORP [HYGS]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) <input type="checkbox"/> Other (specify below) <input type="checkbox"/>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>03/31/2011</u>					
1100 COMMSCOPE PLACE, SE			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) <u>HICKORY NC 28602</u>						6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(City)	(State)	(Zip)						

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
<u>Common Stock</u>	<u>03/31/2011</u>		<u>P</u>		<u>488,998</u>	<u>A</u>	<u>\$4.09</u>	<u>1,575,659</u>	<u>I</u>	<u>See Footnote⁽¹⁾</u>

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

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. Transaction Code (Instr. 8)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)					

1. Name and Address of Reporting Person*
CommScope, Inc. of North Carolina

(Last) (First) (Middle)

1100 COMMSCOPE PLACE, SE

(Street)
HICKORY NC 28602

(City) (State) (Zip)

1. Name and Address of Reporting Person*
CommScope Holding Company, Inc.

(Last) (First) (Middle)

1100 COMMSCOPE PLACE, SE

(Street)
HICKORY NC 28602

(City) (State) (Zip)

1. Name and Address of Reporting Person*
COMMSCOPE INC

(Last) (First) (Middle)

1100 COMMSCOPE PLACE, SE

(Street)

HICKORY NC 28602

(City) (State) (Zip)

Explanation of Responses:

1. The amount listed reflects the beneficial ownership of the Issuer's securities owned by CommScope, Inc. of North Carolina ("CommScope NC"), all of which may be deemed attributable to CommScope Holding Company, Inc. and CommScope, Inc. because CommScope NC is a wholly-owned subsidiary of CommScope, Inc., which is itself a wholly-owned subsidiary of CommScope Holding Company, Inc.

/s/ Frank B. Wyatt II, Senior
Vice President of
COMMSCOPE, INC. OF 04/04/2010
NORTH CAROLINA

/s/ Frank B. Wyatt II, Senior
Vice President of
COMMSCOPE HOLDING 04/04/2010
COMPANY, INC.

/s/ Frank B. Wyatt II, Senior
Vice President of 04/04/2010
COMMSCOPE, INC.

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.