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2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*  
(a) / X /  
(b) / /

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Washington

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 5 SOLE VOTING POWER  
0

6 SHARED VOTING POWER  
1,358,675

7 SOLE DISPOSITIVE POWER  
0

8 SHARED DISPOSITIVE POWER  
2,886,175

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
2,886,175

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
6.5%

12 TYPE OF REPORTING PERSON (See Instructions)  
IA, CO

CUSIP No. 25848T109

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1 NAME OF REPORTING PERSONS  
IRS IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

James M. Simmons

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(See Instructions)  
(a) / X /  
(b) / /

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

U.S.

NUMBER OF SHARES BENEFICIALLY OWNED BY 5 SOLE VOTING POWER  
0

6 SHARED VOTING POWER

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EACH	1,358,675
REPORTING	-----
PERSON	7 SOLE DISPOSITIVE POWER
WITH	0
	-----
	8 SHARED DISPOSITIVE POWER
	2,886,175
-----	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	2,886,175
-----	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
	(See Instructions)
-----	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
	6.5%
-----	
12	TYPE OF REPORTING PERSON (See Instructions)
	IN, HC
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ITEM 1.

- (a) The name of the issuer is Dot Hill Systems Corporation (the "Issuer").
- (b) The principal executive office of the Issuer is located at:  
6305 El Camino Real  
Carlsbad, CA 92009

ITEM 2.

- (a) The names of the persons filing this statement are:  
ICM Asset Management, Inc., and  
James M. Simmons  
(collectively, the "Filers").
- (b) The principal business office of the Filers is located at:  
601 W. Main Avenue, Suite 600  
Spokane, WA 99201.
- (c) See Item 4 of the cover sheet for each Filer.
- (d) This statement relates to shares of common stock of the Issuer (the "Stock").
- (e) The CUSIP number of the Stock is 25848T109.

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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).

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- (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)  An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E) (as to ICM Asset Management, Inc.)
- (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) (as to James M. Simmons).
- (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) (as to ICM Asset Management, Inc. and James M. Simmons).

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ITEM 4. OWNERSHIP

See Items 5-9 and 11 on the cover page for each filer.

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

ICM Asset Management, Inc. is a registered investment adviser whose clients have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Stock. James M. Simmons is the President and controlling shareholder of ICM Asset Management, Inc. No individual client's holdings of the Stock are more than five percent of the outstanding Stock.

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

Not applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP

ICM Asset Management, Inc. and James M. Simmons constitute a group within the meaning of rule 13d-5(b)(1), but are not part of a group with

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any other person.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP

Not applicable.

ITEM 10. CERTIFICATION

By ICM Asset Management, Inc. and James M. Simmons:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 8, 2006

ICM Asset Management, Inc.

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By: Robert J. Law, Sr. Vice President

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James M. Simmons