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1

<SROS>NASD

<REPORTING-OWNER>

0001103968

Officer

</REPORTING-OWNER>

<SUBJECT-COMPANY>

MIPS Technologies, Inc.

0001059786

<IRS-NUMBER>770322161

</SUBJECT-COMPANY>

<PERIOD>08/12/03

4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

[ ] Check this box if no longer subject to Section 16.

Form 4 or Form 5 obligations may continue.

1. Name and Address of Reporting Person(s)

Kato, Mervin S

22638 Oak Crest Ct

Cupertino, CA 95014

2. Issuer Name and Ticker or Trading Symbol

MIPS Technologies, Inc. (MIPS)

3. I.R.S. Identification Number of Reporting Person, if an entity (Voluntary)

4. Statement for Month/Day/Year

8/12/03

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

6. Relationship of Reporting Person(s) to Issuer (Check all applicable)

[ ] Director

[ ] 10% Owner

[X] Officer (give title below) [ ] Other (specify below)

Vice President of Finance

and Controller

7. Individual or Joint/Group Filing (Check Applicable Line)

[X] Form filed by One Reporting Person

[ ] Form filed by More than One Reporting Person

<TABLE>

<CAPTION>

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

1) Title of Security Acquired(A)	5) Amount of Securities Beneficially Owned at	6) D	7) Nature of Indirect Beneficial Ownership	2) Trans- action Date (Month/	3. Trans- action Code	4. Securities or Disposed

D	Price	End of Month	I	Day/Year)	Code V	Amount
<S>				<C>	<C>	<C>
<C><C>		<C>	<C><C>			
Class B Common Stock						
84		D Direct				
Common Stock						
14,730		D Direct				

<CAPTION>

Table II (PART 1) Derivative Securities Acquired, Disposed of, or Beneficially Owned (Columns 1 through 6)

1)Title of Derivative of Derivative Security Securities Acquired (A)	2)Conversion 6)Date Exercisable and or Exercise Expiration Date Price of	3)Trans- action Date	4)Trans- action Code	5)Number or
Disposed of (D)	Derivative Security Expiration		Code V	A
D	Exercisable			

<S>		<C>	<C>	<C>	<C>
<C>	<C>	<C>			
Incentive Stock Option (right 05/22/08 to buy)	\$12.000000				
Incentive Stock Option (right 04/03/11 to buy)	\$16.440000				
Incentive Stock Option (right 05/26/10 to buy)	\$18.375000				
Non-Qualified Stock Option (right to buy)	\$2.050000				
Non-Qualified Stock Option (1) 08/12/13 (right to buy)	\$3.388000	08/12/03	A	100,000	
Non-Qualified Stock Option 05/17/12 (right to buy)	\$8.010000				
Non-Qualified Stock Option 05/22/08 (right to buy)	\$12.000000				
Non-Qualified Stock Option 04/03/11 (right to buy)	\$16.440000				
Non-Qualified Stock Option 05/26/10 (right to buy)	\$18.375000				

<CAPTION>

Table II (PART 2) Derivative Securities Acquired, Disposed of, or Beneficially Owned (Columns 1,3 and 7 through 11)

1) Title of Derivative 8) Price Security of Deri- vative or of End of Month	9) Number of Derivative Securities Beneficially Owned at -	10) 11) Nature of action Indirect Date Beneficial or I	3) Trans- 7) Title and Amount of Underlying Securities Ownership Title	Amount Number Shares
<S> <C> Incentive Stock Option (right 32,839 to buy)	<C> <C> D Direct	<C> <C>	<C> Common Stock	<C> 32,839
Incentive Stock Option (right 14,625 to buy)	D Direct		Common Stock	14,625
Incentive Stock Option (right 3,562 to buy)	D Direct		Common Stock	3,562
Non-Qualified Stock Option 40,000 (right to buy)	D Direct		Common Stock	40,000
Non-Qualified Stock Option 100,000 (right to buy)	D Direct	08/12/03	Common Stock	100,000
Non-Qualified Stock Option 83,000 (right to buy)	D Direct		Common Stock	83,000
Non-Qualified Stock Option 13,161 (right to buy)	D Direct		Common Stock	13,161
Non-Qualified Stock Option 50,375 (right to buy)	D Direct		Common Stock	50,375
Non-Qualified Stock Option 5,438 (right to buy)	D Direct		Common Stock	5,438

<FN>

Explanation of Responses:

(1)

These options shall vest over 50 months and are exercisable at a rate of 2% per month beginning on the first monthly anniversary of the grant date.

</FN>

</TABLE>

SIGNATURE OF REPORTING PERSON

/S/ Kato, Mervin S

DATE 08/14/03