# FORM 4

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

OMB APPROVAL
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INC.

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

#### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person \* 2. Issuer Name and Ticker or Trading Symbol 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) KOSKI CHRISTINE L SUN HYDRAULICS CORP [SNHY] \_X\_ 10% Owner (Middle) (Last) (First) 3. Date of Earliest Transaction (Month/Day/Year) Officer (give title below) Other (specify below 02/18/2011 (Street) 4. If Amendment, Date Original Filed(Month/Day/Year) 6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person X\_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 Transaction 2A. Deemed 4. Securities Acquired 5. Amount of Securities 7. Nature of Indirect (Instr. 3) Date Execution Date, if Transaction (A) or Disposed of (D) Beneficially Owned Ownership Beneficial Ownership (Month/Day/Year) Code (Instr. 3, 4 and 5) Following Reported Form: (Instr. 4) (Month/Day/Year) (Instr. 8) Transaction(s) Direct (D) (Instr. 3 and 4) or Indirect (A) (I) or (Instr. 4) (D) Code Amoun Price Common Stock 02/18/2011  $S^{(1)}$ 300 D \$ 37.75 283,853  $D^{\frac{(2)}{2}}$  $S^{(1)}$  $D^{(2)}$ 283,350 Common Stock 02/18/2011 503 D \$ 37.76 Common Stock 02/18/2011  $S^{(1)}$ 700 D  $D^{(2)}$ \$ 37.77 282,650 Common Stock  $S^{(1)}$  $D^{(2)}$ 02/18/2011 200 D 282,450 37.785 Common Stock 02/18/2011  $S^{(1)}$ 203 D \$ 37.79 282,247  $D^{(2)}$  $S^{(1)}$  $D^{(2)}$ Common Stock 02/18/2011 200 D 282,047 37.7975  $S^{(1)}$ Common Stock 02/18/2011 203 \$ 37.80 281,844  $D^{(2)}$ D  $S^{(1)}$ D  $D^{(2)}$ Common Stock 02/18/2011 524 \$ 37.81 281,320 Common Stock 02/18/2011  $S^{(1)}$ 79 D \$ 37.82 281,241  $D^{(2)}$ Common Stock 02/18/2011  $S^{(1)}$ 308 D \$ 37.83 280,933  $D^{(2)}$ Common Stock 02/18/2011  $S^{(1)}$ 300 D \$ 37.84 280,633  $D^{(2)}$  $D^{\frac{(2)}{2}}$  $S^{(1)}$ Common Stock 02/18/2011 D 280,632 37.845  $S^{(1)}$ D (2) 12 D \$ 37.85 Common Stock 02/18/2011 280,620  $S^{(1)}$ Common Stock 02/18/2011 D  $D^{(2)}$ 280,619 37.865  $S^{(1)}$ \$ 37.87  $D^{(2)}$ 02/18/2011 107 Common Stock D 280,512  $S^{(1)}$ D  $D^{(2)}$ Common Stock 02/18/2011 100 \$ 37.88 280,412  $D^{(2)}$  $S^{(1)}$ 322 Common Stock 02/18/2011 D \$ 37.89 280,090  $S^{(1)}$  $D^{(2)}$ Common Stock 02/18/2011 200 D \$ 37.94 279,890  $D^{(2)}$ Common Stock 02/18/2011  $S^{(1)}$ 100 D \$ 38 279,790  $D^{(2)}$ Common Stock 02/18/2011  $S^{(1)}$ 100 D \$ 38.18 279,690  $D^{(3)}$ Common Stock 2,913,947 Common Stock 295,969.29  $D^{(4)}$ Common Stock 160,000  $D^{(5)}$ Common Stock 100,000  $D_{6}$ BY KOSKI T (7) Common Stock 3,200 MANAGEMENT,

Reminder: Report on a separate line for each class of securities beneficially owned dire	ectly or		
indirectly.			
	Persons who r	espond to the collection of information	SEC 1474 (9-
	contained in th	nis form are not required to respond unless	02)
	the form displa	avs a currently valid OMB control number.	

1. Title of	2.	3. Transaction	3A. Deemed	4.		5. Nu	mber	6. Date Exer	cisable	7. Tit	tle and	8. Price of	9. Number of	10.	11. Nature
Derivative	Conversion	Date	Execution Date, if	Transacti	on	of		and Expirati	on Date	Amo	unt of	Derivative	Derivative	Ownership	of Indirect
Security	or Exercise	(Month/Day/Year)	any	Code		Deriv	ative	(Month/Day	/Year)	Unde	erlying	Security	Securities	Form of	Beneficial
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)		Securities				Securities (Instr. 5)		Beneficially	Derivative	Ownership	
	Derivative					Acquired				(Instr. 3 and			Owned	Security:	(Instr. 4)
	Security					(A) or				4)		Following	Direct (D)		
					Disposed		sed	ĺ					Reported	or Indirect	
					of (D)		)						Transaction(s)	(I)	
						(Instr. 3,							(Instr. 4)	(Instr. 4)	
				4, and 5)											
											Amount				
								Date	Expiration		or				
								Exercisable	Expiration Date	Title	Number				
									Dute		of				
				Code	V	(A)	(D)				Shares				

### **Reporting Owners**

Describer Occurs Name (Address	Relationships							
Reporting Owner Name / Address	Director	10% Owner	Officer	Other				
KOSKI CHRISTINE L	X	X						
KOSKI BEVERLY		X						
KOSKI FAMILY LP		X						
KOSKI ROBERT C		X						
KOSKI THOMAS L		X						

### **Signatures**

Gregory C. Yadley, as Attorney-in-Fact for CHRISTINE L. KOSKI, BEVERLY KOSKI, KOSKI FAMILY LIMITED	
PARTNERSHIP, ROBERT C. KOSKI AND THOMAS L. KOSKI	02/22/2011
**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) Sales were effected pursuant to a Rule 10b5-1 trading plan adopted by Christine L. Koski on December 31, 2010.
- (2) Shares owned directly by Christine L. Koski.
- (3) Shares owned directly by Koski Family Limited Partnership. Shares owned indirectly by Beverly Koski, Christine L. Koski, Robert C. Koski and Thomas L. Koski, each of whom is a general partner of the partnership or the controlling person of a corporate general partner of the partnership.
- (4) Shares owned directly by Beverly Koski.
- (5) Shares owned directly by Thomas L. Koski.
- (6) Shares owned directly by Robert C. Koski.
- (7) Shares owned indirectly by Beverly Koski.

#### Remarks:

Report is 2 of 2.

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.