

FORM 5

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

ANNUAL STATEMENT OF
CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or
Section 30(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person*			2. Issuer Name and Ticker or Trading Symbol		6. Relationship of Reporting Person(s) to Issuer (Check all applicable)	
Sally F. Chamberlain, Trustee and Beneficiary of the Edward P. Fleischer and Sally F. Fleischer Family Trust			OSI Systems, Inc. "OSIS"		<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	
(Last)	(First)	(Middle)	3. I.R.S Identification Number of Reporting Person, if an entity (voluntary)	4. Statement for Month/Year	<input type="checkbox"/> Officer (give title below) <input checked="" type="checkbox"/> Other (specify below)	
2404 Via Siena				6/30/2000	Former 10% Owner	
(Street)				5. If Amendment, Date of Original (Month/Year)	7. Individual or Joint/Group Reporting (check applicable line)	
La Jolla	CA	92037			<input type="checkbox"/> Form filed by One Reporting Person <input checked="" 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)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned at the end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Amount	(A) or (D)	Price			
Common Stock	9/1/99	S	2,000	D	4.63	907,274	D	
Common Stock	9/10/99	S	500	D	5.00	906,774	D	
Common Stock	9/14/99	S	3,500	D	5.00	903,274	D	
Common Stock	1/31/00	S	20,500	D	9.34	882,774	D	
Common Stock	1/31/00	S	10,000	D	9.56	872,774	D	
Common Stock	2/1/00	S	5,000	D	9.00	867,774	D	
Common Stock	2/2/00	S	2,500	D	9.00	865,274	D	
Common Stock	2/4/00	S	7,500	D	9.00	857,774	D	
Common Stock	2/8/00	S	10,000	D	9.46	847,774	D	
Common Stock	2/8/00	S	10,000	D	9.72	837,774	D	

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

SEC 2270 (3/99)

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 CONTROL NUMBER.

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2404 Via Siena				6/30/2000	Former 10% Owner	
(Street)				5. If Amendment, Date of Original (Month/Year)	7. Individual or Joint/Group Reporting (check applicable line)	

Common Stock	2/24/00	S	9,500	D	13.25	577,774	D
Common Stock	2/25/00	S	11,900	D	12.07	565,874	D
Common Stock	2/28/00	S	115,300	D	13.18	450,574	D
Common Stock	2/29/00	S	20,000	D	14.04	430,574	D
Common Stock	2/29/00	S	52,800	D	14.06	377,774	D

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/x/ Check box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
// Form 3 Holdings Reported
// Form 4 Transactions Reported

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							Amount	(A) or (D)	Price						
	Common Stock		2/29/00		S		10,000	D	14.00		367,774		D		
	Common Stock		3/1/00		S		10,000	D	14.00		357,774		D		
	Common Stock		3/2/00		S		7,620	D	14.00		350,154		D		
	Common Stock		3/6/00		S		20,000	D	14.04		330,154		D		
	Common Stock		3/6/00		S		42,380	D	14.00		287,774		D		
	Common Stock		3/7/00		S		2,800	D	14.00		284,974		D		
	Common Stock		3/9/00		S		10,000	D	14.93		274,974		D		
	Common Stock		3/9/00		S		62,700	D	15.56		212,274		D		
	Common Stock		3/9/00		S		24,534	D	16.21		187,740		D		
	Common Stock		3/10/00		S		6,740	D	16.14		181,000		D		

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