

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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
Chamberlain, Sally F. as Trustee of the Edward P. Fleisher and
Sally F. Fleisher Family Trust dated June 3, 1991
(Last) (First) (Middle)
c/o OSI Systems, Inc., 12525 Chadron Avenue
(Street)
Hawthorne California 90250
(City) (State) (Zip)
2. Date of Event Requiring Statement (Month/Day/Year) 10/1/97
3. IRS or Social Security Number of Reporting Person (Voluntary) 000-00-0000
4. Issuer Name and Ticker or Trading Symbol OSIS
5. Relationship of Reporting Person to Issuer (Check all applicable)
[] Director [] Officer [X] 10% Owner [] Other
(give title below) (specify below)
6. If Amendment, Date of Original (Month/Day/Year)

TABLE I--NON-DERIVATIVE SECURITIES BENEFICIALLY OWNED

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock, no par value	1,170,375	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. (Print or Type Responses)

