

Pajonas Thomas L
Form 4
March 28, 2011

FORM 4

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

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).

**STATEMENT OF CHANGES IN 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(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB
Number: 3235-0287
Expires: January 31,
2005
Estimated average
burden hours per
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person *
Pajonas Thomas L

(Last) (First) (Middle)

5215 N. O'CONNOR BLVD.,
SUITE 2300

(Street)

IRVING, TX 75039

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading
Symbol

FLOWERVE CORP [FLS]

3. Date of Earliest Transaction
(Month/Day/Year)

03/24/2011

4. If Amendment, Date Original
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
__X__ Officer (give title below) ____ Other (specify
below)

SVP & Pres. Flow Control Div.

6. Individual or Joint/Group Filing(Check
Applicable Line)
__X__ Form filed by One Reporting Person
____ Form filed by More than One Reporting
Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership Indirect Beneficial Ownership (Instr. 4)
Common Stock (\$1.25 par value per share)	03/24/2011		F	2,799 D	\$ 125.37 21,368	D	
Common Stock (\$1.25 par value per share)	03/24/2011		M	7,679 A	1 29,047	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474
(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)			
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Performance Rights	(1)	03/24/2011		M		3,700		(1)	03/24/2011	Common Stock	3,700

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Pajonas Thomas L
5215 N. O'CONNOR BLVD., SUITE 2300
IRVING, TX 75039

SVP & Pres. Flow Control Div.

Signatures

/s/ Ronald F. Shuff,
attorney-in-fact

03/28/2011

__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) Each performance right represented a contingent right to receive one share of the issuer's common stock at vesting. The performance rights vested at a rate of 200% (plus dividends accrued on the underlying shares) based on the issuer's average return on net assets ("RONA") during a three-year performance cycle beginning on January 1, 2008 and ending on December 31, 2010, in comparison to the average RONA of a predetermined peer group over the same performance cycle.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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