MCDONNELL THOMAS A

Form 4 May 04, 2010

FORM 4

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

OMB APPROVAL OMB

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

Section 16.

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

1(b).

(Print or Type Responses)

1. Name and Addres MCDONNELL	ss of Reporting Person * THOMAS A	2. Issuer Name and Ticker or Trading Symbol COMMERCE BANCSHARES INC /MO/ [CBSH]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
, ,	(First) (Middle) ST., 7TH FLOOR	3. Date of Earliest Transaction (Month/Day/Year) 04/30/2010	_X_ Director 10% Owner Officer (give title below) Other (specify below)		
((Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
KANSAS CITY	, MO 64106		Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Secui	rities Acqu	ired, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any	3. Transaction	4. Securi on(A) or Di (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially	6. Ownership Form: Direct	7. Nature of Indirect Beneficial
, ,		(Month/Day/Year)	(Instr. 8) Code V	Amount	(A) or (D)	Price	Owned Following Reported Transaction(s) (Instr. 3 and 4)	(D) or Indirect (I) (Instr. 4)	Ownership (Instr. 4)
Common Stock	04/30/2010(1)		A	21	A	\$ 41.415	26,795	D	

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

Persons who respond to the collection of **SEC 1474** information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:		Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
MCDONNELL THOMAS A 1000 WALNUT ST., 7TH FLOOR KANSAS CITY, MO 64106	X						

Signatures

By: Jeffery Aberdeen For: Thomas A.

McDonnell

05/04/2010

**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) Shares purchased under Commerce Bancshares, Inc. stock purchase plan for non-employee directors.

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.

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