COMMERCE BANCSHARES INC /MO/ Form 13F-HR November 02, 2006

> UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

> > FORM 13F

FORM 13F COVER PAGE

REPORT FOR THE CALENDAR YEAR OR QUARTER ENDED: 9/30/06

CHECK HERE IF AMENDMENT (); AMENDMENT NUMBER: THIS AMENDMENT (CHECK ONLY ONE.): () RESTATEMENT. () ADDS NEW HOLDINGS ENTRIES.

INSTITUTIONAL INVESTMENT MANAGER FILING THIS REPORT:

NAME :	COMMERCE BANG	CSHARES, INC.
ADDRESS:	1000 WALNUT,	P.O. BOX 13686
	KANSAS CITY,	MO 64199

FORM 13F FILE NUMBER: 28-642

THE INSTITUTIONAL INVESTMENT MANAGER FILING THIS REPORT AND THE PERSON BY WHOM IT IS SIGNED HEREBY REPRESENT THAT THE PERSON SIGNING THE REPORT IS AUTHORIZED TO SUBMIT IT, THAT ALL INFORMATION CONTAINED HEREIN IS TRUE, CORRECT AND COMPLETE, AND THAT IT IS UNDERSTOOD THAT ALL REQUIRED ITEMS, STATEMENTS SCHEDULES, LISTS, AND TABLES, ARE CONSIDERED INTEGRAL PARTS OF THIS FORM.

PERSON SIGNING THIS REPORT ON BEHALF OF REPORTING MANAGER:

NAME :	JEFFERY	D.	ABERDEEN
TITLE:	CONTROLI	ĿΕR	
PHONE:	816-234-	-208	31

SIGNATURE, PLACE, AND DATE OF SIGNING:

JEFFERY D. ABERDEEN KANSAS CITY, MO 10/1/06

REPORT TYPE (CHECK ONLY ONE.):

- () 13F HOLDINGS REPORT
- () 13F NOTICE
- (X) 13F COMBINATION REPORT

LIST OF OTHER MANAGERS REPORTING FOR THIS MANAGER: 28-05260 COMMERCE BANK, N.A. (MISSOURI) 28-04263 COMMERCE BANK, N.A. (WICHITA, KS)

I AM SIGNING THIS REPORT AS REQUIRED BY THE SECURITIES EXCHANGE ACT OF 1934.

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REPORT SUMMARY:

NUMBER OF OTHER INCLUDED MANAGERS:	0
FORM 13F INFORMATION TABLE ENTRY TOTAL:	10
FORM 13F INFORMATION TABLE VALUE TOTAL:	\$37,025 (THOUSANDS)

LIST OF OTHER INCLUDED MANAGERS: NONE

FORM 13F INFORMATION TABLE

NAME OF ISSUER	TITLE OF CLASS	CUSIP	VALUE (X1000)	SHARES/ PRN AMT	SH/ PRN	PUT/ CALL	INVSTMT DSCRETN
BANK OF AMERICA CORPORATION	COMMON STOCK	060505104	6114	114132	SH		SOLE
BRISTOL MYERS SQUIBB CO.	COMMON STOCK	110122108	1468	58922	SH		SOLE
EDWARDS, A.G.	COMMON STOCK	281760108	1332	25000	SH		SOLE
GOLDMAN SACHS	COMMON STOCK	38141G104	338	2000	SH		SOLE
JOHNSON AND JOHNSON	COMMON STOCK	478160104	2173	33461	SH		SOLE
J.P. MORGAN CHASE & CO.	COMMON STOCK	616880100	3502	74575	SH		SOLE
SUNTRUST BANKS, INC.	COMMON STOCK	867914103	5255	68000	SH		SOLE
US BANCORP	COMMON STOCK	917292104	5516	166055	SH		SOLE
WACHOVIA CORPORATION 2ND NEW	COMMON STOCK	929903102	5480	98200	SH		SOLE
WELLS FARGO & CO. NEW	COMMON STOCK	949746101	5847	161600	SH		SOLE