#### CERNER CORP /MO/

Check this box if

Form 5

February 11, 2011

# FORM 5 UNITED STATES SECURITIES AND EVOLANCE COMMISSION OMB

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

Washington, D.C. 20549

no longer subject to Section 16.
Form 4 or Form 5 obligations may continue.

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: 2005
Estimated average burden hours per response... 1.0

Number:

3235-0362

January 31,

See Instruction
1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

Reported Form 4

30(h) of the Investment Company Act of 1940

Transactions Reported

1. Name and Address of Reporting Person * PATTERSON NEAL L	2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Middle)	CERNER CORP /MO/ [CERN]  3. Statement for Issuer's Fiscal Year Ended	(Check all applicable)			
2800 ROCKCREEK PARKWAY	(Month/Day/Year) 01/01/2011	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) below)  Chairman, CEO & President			
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Reporting  (check applicable line)			

### NORTH KANSAS CITY, MOÂ 64117

(State)

(7in)

(City)

\_X\_ Form Filed by One Reporting Person \_\_\_ Form Filed by More than One Reporting Person

(City)	(State)	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. Securit (A) or Dis (Instr. 3, 4	sposed 4 and 3	of (D)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/31/2010	Â	I	Amount 346.05 (1)	or (D)	Price \$ 90.06 (1)	4) 53,344.05 (1)	I	by 401(k) Plan
Common Stock	12/31/2010	Â	G	21,147	D	\$ 0	159,122	I	by Grantor Retained Annuity Trust
Common Stock	12/17/2010	Â	I	10,000 (2)	D	\$ 97.06	1,026,530	I	by Revocable

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									Trust
Common Stock	12/31/2010	Â	G	21,147	A	\$ 0	1,047,677	I	by Revocable Trust
Common Stock	12/17/2010	Â	I	10,000 (2)	A	\$ 97.06	38,100	I	by Trust as Co-Trustee
Common Stock	Â	Â	Â	Â	Â	Â	39,888.06 (3)	I	by Spouse
Common Stock	Â	Â	Â	Â	Â	Â	4,200,270	D	Â
Common Stock	Â	Â	Â	Â	Â	Â	809,673	I	by Spouse as sole Trustee of Irrevocable Trust for children

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

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SEC 2270 (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)	Number		Number Expiration Date of (Month/Day/Year) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		7. Title and A Underlying S (Instr. 3 and 4	ecuri
					(A)	(D)	Date Exercisable	Expiration Date	Title	Ame Nun Sha
Non-Qualified Stock Option (right to buy)	\$ 40.22	Â	Â	Â	Â	Â	03/14/2013	03/14/2018	Common Stock	72
Non-Qualified Stock Option (right to buy)	\$ 36.72	Â	Â	Â	Â	Â	03/06/2011	03/06/2019	Common Stock	70
Non-Qualified Stock Option (right to buy)	\$ 85.2	Â	Â	Â	Â	Â	03/12/2012	03/12/2020	Common Stock	60
Non-Quallified	\$ 14.8125	Â	Â	Â	Â	Â	06/28/2005	06/28/2020	Common	590

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Stock Option (right to buy)									Stock	
Non-Quallified Stock Option (right to buy)	\$ 21.645	Â	Â	Â	Â	Â	06/14/2006	06/14/2011	Common Stock	75
Non-Quallified Stock Option (right to buy)	\$ 23.115	Â	Â	Â	Â	Â	04/05/2007	04/05/2012	Common Stock	50
Non-Quallified Stock Option (right to buy)	\$ 11.295	Â	Â	Â	Â	Â	06/12/2008	06/12/2013	Common Stock	50
Non-Quallified Stock Option (right to buy)	\$ 20.99	Â	Â	Â	Â	Â	06/03/2009	06/03/2014	Common Stock	60
Non-Quallified Stock Option (right to buy)	\$ 31.405	Â	Â	Â	Â	Â	06/03/2010	06/03/2015	Common Stock	80
Non-Quallified Stock Option (right to buy)	\$ 41.125	Â	Â	Â	Â	Â	09/16/2010	09/16/2015	Common Stock	84
Non-Quallified Stock Option (right to buy)	\$ 43.51	Â	Â	Â	Â	Â	03/09/2011	03/09/2016	Common Stock	100
Non-Quallified Stock Option (right to buy)	\$ 53.81	Â	Â	Â	Â	Â	03/09/2012	03/09/2017	Common Stock	80
Variable Prepaid Forward Contract	Â	Â	Â	Â	Â	Â	(4)	(4)	Common Stock	500

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
PATTERSON NEAL L 2800 ROCKCREEK PARKWAY NORTH KANSAS CITY, MO 64117	ÂX	Â	Chairman, CEO & President	Â			
Signatures							
/s/Crystal Spoor, by Power of Attorney	02/11/2	011					
**Signature of Reporting Person	Date						

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## **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) Represents shares purchased through the issuer's 401(k) trust between 1/8/2010 and 4/2/2010, at prices ranging from \$76.57 to \$90.06 per share. Balance is based on plan statement as of 12/31/2010.
- (2) Represents transfer between trusts which the reporting person has indirect ownership.
- The Reporting Person disclaims beneficial ownership of all securities held "by Spouse", and this shall not be deemed an admission that the reporting person is the beneficial owner of such securities for the purposes of Section 16 or for any other reason.
- (4) Information disclosed as part of Form 4 filing on 11/9/2009.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.