COGNEX CORP Form SC 13G February 18, 2003

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

(Rule 13d-102)

INFORMATION STATEMENT PURSUANT TO RULES 13d-1 AND 13d-2

Under the Securities Exchange Act of 1934 (Amendment No.)

COGNEX CORP

(Name of Issuer)

Common Stock

(Title of Class of Securities)

192422103

(CUSIP Number)

Check the following box if a fee is being paid with this statement [].

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1. NAME OF REPORTING PERSON(S)
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON(S)
Morgan Stanley
IRS # 39-314-5972

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) []

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										(b)	[]	
3.	SEC USE ON	ILY											
4.	CITIZENSHI	IP OR	PLACE	OF OF	RGANIZZ	ATION							
	The state	of or	ganiza	ation	is De	laware							
NUMBER OF SHARES		5.	SOLE 0	VOTIN	NG POWI	 ER							
OW	EACH			ED VOI 1,112	FING PO	OWER							
P	REPORTING PERSON WITH	7.	SOLE 0	DISPO	DSITIV	E POWE	R						
	8.		ED DIS 2,267	SPOSIT	IVE PO	WER							
9.	AGGREGATE	AMOUN	T BENE	EFICIA	ALLY OI	WNED B	Y EACH	REPOF	RTING	PERS	SON		
	2,322,267												
10.	CHECK BOX	IF TH	e agge	REGATE	e amoui	NT IN	ROW (9) EXCI	LUDES	CERI	FAIN	SH	ARES*
11.	PERCENT OF	CLAS	S REPH	RESENI	red by	AMOUN	T IN R	 OW (9))				
	5.457%												
12.	TYPE OF RE	EPORTI	NG PEF	RSON*									
	IA, CO												
		*	SEE IN	NSTRUC	CTIONS	BEFOR	E FILL	ING OU	IJT!				
CUSIP	No. 1924221	103			13G				Page	3	of	8	Pages
1.	NAME OF RE S.S. OR I.				'	0. OF	ABOVE	PERSON	N(S)				
	Van Kamper IRS # 13-			agemer	nt Inc								
2.	CHECK THE	APPRO	PRIATE	E BOX	IF A I	MEMBER	OF A	GROUP*	*		 []		
3.	SEC USE ON	1LY											
4.	CITIZENSHI	IP OR	PLACE	OF OF	RGANIZZ	ATION							
	The state	of or	ganiza	ation	is De	laware	•						
	BER OF HARES	5.	SOLE 0	VOTIN	NG POWI	ER							

DENET	TCT7	TTV					
BENEFICIALLY OWNED BY EACH		<pre>6. SHARED VOTING POWER 2,319,957</pre>					
PI	ORTIN ERSON WITH	J	7.	SOLE DISPOSITIVE POWER 0			
				SHARED DISPOSITIVE POWER 2,319,957			
9.			AMOUN	I BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	2,31	L9,957					
10.	CHEC	CK BOX	IF THE	E AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*			
11.			CLASS	S REPRESENTED BY AMOUNT IN ROW (9)			
	5.45	516%					
12.	TYPE	E OF RE	PORTI	NG PERSON*			
	IA,	СО					
			*	SEE INSTRUCTIONS BEFORE FILLING OUT!			
CUSIP N	No. 1	1924221	.03	13G Page 4 of 8 Pages			
Item 1.		(a)		of Issuer: EX CORP			
		(b)	ONE V NATIO	ess of Issuer's Principal Executive Offices: VISION DR CK, MA 01760			
Item 2.		(a)	Name (a) N	of Person Filing: Morgan Stanley Van Kampen Asset Management Inc.			
		(b)	(a) 1	ess of Principal Business Office, or if None, Residence: 1585 Broadway New York, New York 10036			
			(One Parkview Plaza Dakbrook Terrace, IL 60181			
		(c)	Citiz Incon perta	zenship: rporated by reference to Item 4 of the cover page aining to each reporting person.			
		(d)	Title Commo	e of Class of Securities: on Stock			
		(e)	CUSII 19242	P Number: 22103			
Item 3.		(a)		n Stanley is a parent holding company.			

(b) Van Kampen Asset Management Inc. is an Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940.

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Item 4. Ownership.

Incorporated by reference to Items (5) - (9) and (11) of the cover page.

(a) Morgan Stanley is filing solely in its capacity as the parent company of, and indirect beneficial owner of securities held by, one of its business units.

Item 5. Ownership of Five Percent or Less of a Class.

Inapplicable

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

Accounts managed on a discretionary basis by Van Kampen Asset Management Inc., a wholly owned subsidiary of Morgan Stanley, are known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from, the sale of such securities. No such account holds more than 5 percent of the class.

See item 4 (a)

- Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on By the Parent Holding Company.
- Item 8. Identification and Classification of Members of the Group.
- Item 9. Notice of Dissolution of Group.
- Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect.

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Signature.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

- Date: February 18, 2003
- Signature: /s/ Dennine Bullard _____
- Name/Title Dennine Bullard /Vice President Morgan Stanley & Co. Incorporated _____ MORGAN STANLEY

Date: February 18, 2003

- Signature: /s/ Jeffrey Hiller _____
- Name/Title Jeffrey Hiller /Managing Director, Morgan Stanley Investment Management Inc. _____

VAN KAMPEN ASSET MANAGEMENT INC.

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EXHIBIT 1	Agreement to Make a Joint Filing	7

- EXHIBIT 2 Secretary's Certificate Authorizing Dennine Bullard 8 to Sign on behalf of Morgan Stanley
- * Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).

(022597DTI)

EX-99.a JOINT FILING AGREEMENT

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EXHIBIT 1 TO SCHEDULE 13G _____

FEBRUARY 18, 2003

_____ ------

MORGAN STANLEY and VAN KAMPEN ASSET MANAGEMENT INC. hereby agree that, unless differentiated, this Schedule 13G is filed on behalf of each of the parties.

MORGAN STANLEY BY: /s/ Dennine Bullard Dennine Bullard / Vice President Morgan Stanley & Co. Incorporated VAN KAMPEN ASSET MANAGEMENT INC.. BY: /s/ Jeffrey Hiller Jeffrey Hiller /Managing Director, Morgan Stanley Investment Management Inc.

* Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).

EX-99.b SECRETARY'S CERTIFICATE

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EXHIBIT 2

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MORGAN STANLEY

SECRETARY'S CERTIFICATE

I, Charlene R. Herzer, a duly elected and Assistant Secretary
of Morgan Stanley, a corporation organized and
existing under the laws of the State of Delaware (the
"Corporation"), certify as follows:

- Donald G. Kempf, Jr. is the duly elected Executive Vice President, Chief Legal Officer and Secretary of the Corporation;
- (2) Pursuant to Section 7.01 of the Bylaws of the Corporation and resolutions approved by the Board of Directors of the Corporation on September 25,1998, the Chief Legal Officer is authorized to enter into agreements and other instruments on behalf of the Corporation and may delegate such powers to others under his jurisdiction; and
- (3) Donald G. Kempf signed a Delegation of Authority as of February 23, 2000, which authorized Dennine Bullard to sign reports to be filed under Section 13 and 16 of the Securities Exchange Act of 1934 on behalf of the Corporation. Such authorization is in full force and efect as of this date.

IN WITNESS WHEREOF, I have hereunto set my name and affixed the seal of the Corporation as of the 5th day of February, 2003.

Charlene R. Herzer Assistant Secretary