COGNEX CORP Form SC 13G/A February 28, 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. 1)

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 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).

CUSIP No. 192422103 13G Page 2 of 8 Pages

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) []

^{*}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.

		(b)	[]	
3. SEC USE O	NLY					
4. CITIZENSH	IIP OR PLACE OF ORGANIZATION					
The state	e of organization is Delaware.					
NUMBER OF SHARES BENEFICIALLY	5. SOLE VOTING POWER 0					
OWNED BY EACH	6. SHARED VOTING POWER 2,321,112					
REPORTING PERSON WITH	7. SOLE DISPOSITIVE POWER 0					
	8. SHARED DISPOSITIVE POWER 2,321,112					
9. AGGREGATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTI	NG PE	RSO	N		
2,321,112						
10. CHECK BOX	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUD	ES CE	RTA:	IN	SHARI	 ES*
11. PERCENT O	F CLASS REPRESENTED BY AMOUNT IN ROW (9)					
5.4543%						
12. TYPE OF R	REPORTING PERSON*					
IA, CO						
	*SEE INSTRUCTIONS BEFORE FILLING OUT!					
CUSIP No. 192422	13G P	age 3	0:	f	8 Pa	ages
	REPORTING PERSON(S) T.R.S. IDENTIFICATION NO. OF ABOVE PERSON(S	;)				
Van Kampe: IRS # 13	en Asset Management 3-5130700					
2. CHECK THE	APPROPRIATE BOX IF A MEMBER OF A GROUP*		.)	-	-	
3. SEC USE O)NLY					
4. CITIZENSH	IIP OR PLACE OF ORGANIZATION					
The state	of organization is Delaware.					
NUMBER OF SHARES	5. SOLE VOTING POWER 0					

DEVICE		
EACH		6. SHARED VOTING POWER 2,319,957
REPORTI PERSO WITH	N	7. SOLE DISPOSITIVE POWER 0
		8. SHARED DISPOSITIVE POWER 2,319,957
		AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	319,957 CCK BOX	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*
	 CENT OF	F CLASS REPRESENTED BY AMOUNT IN ROW (9)
		EPORTING PERSON*
IA,	CO	
		*SEE INSTRUCTIONS BEFORE FILLING OUT!
CUSIP No.	192422	103 13G Page 4 of 8 Pages
Item 1.	(a)	Name of Issuer: COGNEX CORP
	(b)	Address of Issuer's Principal Executive Offices: ONE VISION DR NATICK, MA 01760
Item 2.	(a)	Name of Person Filing: (a) Morgan Stanley (b) Van Kampen Asset Management Inc.
	(b)	Address of Principal Business Office, or if None, Residence: (a) 1585 Broadway New York, New York 10036
		(b) One Parkview Plaza Oakbrook Terrace, IL 60181
	(c)	Citizenship: Incorporated by reference to Item 4 of the cover page pertaining to each reporting person.
	(d)	Title of Class of Securities: Common Stock
	(e)	CUSIP Number: 192422103
Item 3.	(a)	Morgan 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.

CUSIP No. 192422103

13-G

Page 5 of 8 Pages

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.

CUSIP No. 192422103

13-G

Page 6 of 8 Pages

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 28, 2003

Signature: /s/ Dennine Bullard

Name/Title Dennine Bullard /Vice President Morgan Stanley & Co. Incorporated

MORGAN STANLEY

Date: February 28, 2003

Signature: /s/ Jeffrey Hiller

Name/Title Jeffrey Hiller /Managing Director, Morgan Stanley Investment

Management Inc.

VAN KAMPEN ASSET MANAGEMENT INC.

	INDEX TO EXHIBITS	PAGE
EXHIBIT 1	Agreement to Make a Joint Filing	7
EXHIBIT 2	Secretary's Certificate Authorizing Dennine Bullard to Sign on behalf of Morgan Stanley	8

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

(022597DTI)

EX-99.a JOINT FILING AGREEMENT

CUSIP No. 192422103 13-G Page 7 of 8 Pages

EXHIBIT 1 TO SCHEDULE 13G

FEBRUARY 28, 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

CUSIP No. 192422103

Page 8 of 8 pages

EXHIBIT 2

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:

- (1) 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