COMPUGEN LTD Form SC 13G/A February 10, 2012

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No.2) *
COMPUGEN LTD
(Name of Issuer)
Common Stock
(Title of Class of Securities)
M25722105
(CUSIP Number)
December 31, 2011
(Date Of Event which Requires Filing of this Statement

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [x] Rule 13d-1(b)
 [] Rule 13d-1(c)
 [] Rule 13d-1(d)
- * 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).

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1745 (3-06)

CUSIP	No.M2572210	5			13	G			Page	2	of 8	B Pa	ages
1.	NAME OF REI			OF A	ABOVE	PERSON:	:						
	Morgan Star	_	972										
2.	CHECK THE	APPROI	PRIATE BOX	IF A	A MEM	BER OF A	A GROUP:						
	(a) []												
	(b) []												
3.	SEC USE ON	LY:											
4.	CITIZENSHI	P OR I	PLACE OF O	RGAN	IZATI	 ON:							
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REPORTING PERSON WITH:		7.	SOLE DISP 1,912,327		IVE P								
		8.	SHARED DI 0	SPOS	ITIVE	POWER:							
9.	AGGREGATE 2	AMOUN'	I BENEFICI	ALLY	OWNE	D BY EAC	CH REPORTI	ING I	PERSON	J:			
10.	CHECK BOX	IF THE	E AGGREGAT	E AMO	TNUC	IN ROW	(9) EXCLUI	DES (CERTAI	IN	SHAF	RES	:
	[]												
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 5.5%												
12.	HC, CO												
CUSIP	No.M2572210	5			13	_			Page	e 3	of	8 1	Pages
1.	NAME OF REI			OF A	ABOVE		:					_ — — -	
	Morgan Star			ey Ll	LC								

2.	CHECK THE	APPRO	PRIATE BOX IF A MEMBER OF A GROUP:						
	(a) []								
	(b) []								
3.	SEC USE O	NLY:							
4.	CITIZENSH	IP OR	PLACE OF ORGANIZATION:						
	The state	of or	ganization is Delaware.						
S	BER OF HARES		5. SOLE VOTING POWER: 1,505,000						
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:		6.	6. SHARED VOTING POWER: 7,300						
		7.	SOLE DISPOSITIVE POWER: 1,912,327						
		8.	SHARED DISPOSITIVE POWER:						
9.	AGGREGATE 1,912,327	AMOUN	T BENEFICIALLY OWNED BY EACH REPORTING	PERSON:					
10.	CHECK BOX	IF TH	E AGGREGATE AMOUNT IN ROW (9) EXCLUDES	CERTAIN SHARES:					
	[]								
11.	PERCENT O	CLAS	S REPRESENTED BY AMOUNT IN ROW (9):						
12.	TYPE OF RI	EPORTI	NG PERSON:						
CUSIP	No.M257221)5	13G	Page 4 of 8 Pages					
Item 1	. (a)	Name	of Issuer:						
		COMP	UGEN LTD						
	(b)	Address of Issuer's Principal Executive Offices:							
			INCHAS ROSEN ST AVIV ISRAEL L3 69512						
Item 2	. (a)	Name	of Person Filing:						
			(1) Morgan Stanley (2) Morgan Stanley Smith Barney LLC						
	(b)	Addr	ess of Principal Business Office, or i	f None, Residence:					

		 1) 1585 Broadway New York, NY 10036 2) 1585 Broadway New York, NY 10036
	(c) C	itizenship:
		1) The state of organization is Delaware. 2) The state of organization is Delaware.
	(d) T	itle of Class of Securities:
		ommon Stock
	(e) C	USIP Number:
	M -	25722105
Item 3.		statement is filed pursuant to Sections 240.13d-1(b) or -2(b) or (c), check whether the person filing is a:
	(a) [x]	Broker or dealer registered under Section 15 of the Act (15 U.S.C. 780). Morgan Stanley & Co. Incorporated
	(b) []	Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).
	(c) []	Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. $78c$).
	(d) []	Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
	(e) []	An investment adviser in accordance with Section 240.13d-1(b)(1)(ii)(E);
	(f) []	An employee benefit plan or endowment fund in accordance with Section 240.13d-1(b)(1)(ii)(F);
	(g) [x]	A parent holding company or control person in accordance with Section 240.13d-1(b)(1)(ii)(G); Morgan Stanley
	(h) []	A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
	(i) []	A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
	(j) []	Group, in accordance with Section 240.13d-1(b)(1)(ii)(J).

Item 4. Ownership as of December 31, 2011.*

(a) Amount beneficially owned:

CUSIP No.M25722105 13-G

Page 5 of 8 Pages

See the response(s) to Item 9 on the attached cover page(s).

- (b) Percent of Class: See the response(s) to Item 11 on the attached cover page(s).
- (c) Number of shares as to which such person has:
 - Sole power to vote or to direct the vote: See the response(s) to Item 5 on the attached cover page(s).
 - (ii) Shared power to vote or to direct the vote: See the response(s) to Item 6 on the attached cover page(s).
 - (iii) Sole power to dispose or to direct the disposition of: See the response(s) to Item 7 on the attached cover page(s).
 - (iv) Shared power to dispose or to direct the disposition of: See the response(s) to Item 8 on the attached cover page(s).
- Ownership of Five Percent or Less of a Class.

Not Applicable

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

Not Applicable

Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on By the Parent Holding Company.

See Exhibit 99.2

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Certification. Item 10.

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

* In Accordance with the Securities and Exchange Commission Release No. 34-39538 (January 12, 1998) (the "Release"), this filing reflects the securities beneficially owned, or that may be deemed to be beneficially owned, by certain operating units (collectively, the "MS Reporting Units") of Morgan Stanley and its subsidiaries and affiliates (collectively, "MS"). This filing does not reflect securities, if any, beneficially owned by any operating units of MS whose ownership of securities is disaggregated from that of the MS Reporting Units in accordance with the Release.

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 10, 2012

Signature: /s/ Michael Lees

Name/Title: Michael Lees/Authorized Signatory, MORGAN STANLEY

MORGAN STANLEY

Date: February 10, 2012

Signature: /s/ Thomas Nelli

Name/Title: Thomas Nelli/Authorized Signatory, MORGAN STANLEY SMITH BARNEY LLC

MORGAN STANLEY SMITH BARNEY LLC

EXHIBIT NO.	EXHIBITS	PAGE
99.1	Joint Filing Agreement	7
99.2	Item 7 Information	8

 $[\]star$ Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).

CUSIP No.M25722105 13-G Page 7 of 8 Pages

EXHIBIT NO. 99.1 TO SCHEDULE 13G

JOINT FILING AGREEMENT

February 10, 2012

MORGAN STANLEY and MORGAN STANLEY SMITH BARNEY LLC,

hereby agree that, unless differentiated, this

Schedule 13G is filed on behalf of each of the parties.

MORGAN STANLEY

BY: /s/ Michael Lees

Michael Lees/Authorized Signatory, MORGAN STANLEY

MORGAN STANLEY SMITH BARNEY LLC

BY: /s/ Thomas Nelli

Thomas Nelli/Authorized Signatory, MORGAN STANLEY SMITH BARNEY LLC

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

CUSIP No.M25722105

13-G

Page 8 of 8 Pages

EXHIBIT NO. 99.2

ITEM 7 INFORMATION

The securities being reported on by Morgan Stanley as a parent holding company are owned, or may be deemed to be beneficially owned, by Morgan Stanley Smith Barney LLC, a broker dealer registered under Section 15 of the Securities Exchange Act of 1934, as amended.