Bilenker Jo Form 4 May 16, 20												
FORM										OMB AP	PROVAL	
	UNITEI) STATES				AND EX , D.C. 2			OMMISSION	OMB	3235-0287	
Check t			vv a		Number: Expires:	January 31,						
if no lor subject Section Form 4 Form 5 obligati may cor <i>See</i> Inst	CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES ection 16(a) of the Securities Exchange Act of 1934, Public Utility Holding Company Act of 1935 or Section of the Investment Company Act of 1940							Estimated average burden hours per response 0.5				
1(b).												
(Print or Type	Responses)											
1. Name and Bilenker Jo	Address of Reportin oshua H.	g Person <u>*</u>	Symbol			d Ticker o]	5. Relationship of H Issuer	Reporting Perso	on(s) to	
(Loot) (First) (Middle)						Inc. [LC	-]	(Check all applicable)			
(M			(Month/	05/14/2018 -					_X_ Director 10% Owner _X_ Officer (give title Other (specify below) below) President & CEO			
STAMFO	(Street) RD, CT 06901		4. If Am Filed(Mo			ate Origin r)	al	-	5. Individual or Joi Applicable Line) _X_ Form filed by Or Form filed by Mo	ne Reporting Per	son	
		(Zip)							Person	_	_	
(City)(State)(Zip)Tab1.Title of2. Transaction Date2A. DeemedSecurity(Month/Day/Year)Execution Date, if(Instr. 3)any(Month/Day/Year)			Code (Instr. 3, 4 and 5)				cquired (A) (D)	 ired, Disposed of, 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) 	or Beneficially Owned 6. 7. Nature of Ownership Indirect Form: Beneficial Direct (D) Ownership or Indirect (Instr. 4) (I) (Instr. 4)			
Common					V	Amount	(D)	Price				
Stock	05/14/2018			M <u>(1)</u>		7,500	А	\$ 1.184	190,207	D		
Common Stock	05/14/2018			S <u>(1)</u>		100	D	\$ 132.58	190,107	D		
Common Stock	05/14/2018			S <u>(1)</u>		2,000 (2)	D	\$ 134.1845 (3)	5 188,107	D		
Common Stock	05/14/2018			S <u>(1)</u>		2,050 (2)	D	\$ 135.0827 (4)	7 186,057	D		

Common Stock	05/14/2018	S <u>(1)</u>	1,525 (2)	D	\$ 136.2166 (5)	184,532	D
Common Stock	05/14/2018	S <u>(1)</u>	1,558 (2)	D	\$ 137.2763 (6)	182,974	D
Common Stock	05/14/2018	S <u>(1)</u>	167 <u>(2)</u>	D	\$ 137.8319 (7)	182,807	D
Common Stock	05/14/2018	S <u>(1)</u>	100 (2)	D	\$ 139.0017 (8)	182,707	D
Common Stock	05/15/2018	M <u>(1)</u>	7,500	А	\$ 1.184	190,207	D
Common Stock	05/15/2018	S <u>(1)</u>	700 (2)	D	\$ 133.1065 (9)	189,507	D
Common Stock	05/15/2018	S <u>(1)</u>	300 <u>(2)</u>	D	\$ 134.4067 (10)	189,207	D
Common Stock	05/15/2018	S <u>(1)</u>	1,000 (2)	D	\$ 135.828 (11)	188,207	D
Common Stock	05/15/2018	S <u>(1)</u>	400 (2)	D	\$ 136.72 (12)	187,807	D
Common Stock	05/15/2018	S <u>(1)</u>	3,297 (2)	D	\$ 138.3521 (13)	184,510	D
Common Stock	05/15/2018	S <u>(1)</u>	1,803 (2)	D	\$ 138.8883 (14)	182,707	D

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

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

SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number	6. Date Exercisable and	7. Title and Amount of	8
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	omf Derivative	Expiration Date	Underlying Securities	Ι
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and 4)	S
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired			(
	Derivative				(A) or			
	Security				Disposed of			

					(D) (Instr. 3, 4, and 5)					
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 1.184	05/14/2018	M <u>(1)</u>			7,500	(15)	11/14/2023	Common Stock	7,500
Employee Stock Option (right to buy)	\$ 1.184	05/15/2018	M <u>(1)</u>			7,500	(15)	11/14/2023	Common Stock	7,500

Reporting Owners

Reporting Owner Name / Address							
1	Director	10% Owner	Officer	Other			
Bilenker Joshua H. C/O LOXO ONCOLOGY, INC. 281 TRESSER BOULEVARD, 9TH FLOOR STAMFORD, CT 06901	Х		President & CEO				
Signatures							
/s/ Jennifer Burstein, by power of attorney	05/16/20)18					
**Signature of Reporting Person	Date						
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) The transactions reported on this Form 4 were effected pursuant to a 10b5-1 trading plan adopted by the reporting person.
- (2) Represents the aggregate of sales effected on the same day at different prices.
- Represents the weighted average sales price per share. The shares sold at prices ranging from \$133.59 to \$134.32 per share. Full
 (3) information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

Represents the weighted average sales price per share. The shares sold at prices ranging from \$134.61 to \$135.60 per share. Full
 (4) information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

Represents the weighted average sales price per share. The shares sold at prices ranging from \$135.76 to \$136.71 per share. Full
(5) information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

Represents the weighted average sales price per share. The shares sold at prices ranging from \$136.78 to \$137.71 per share. Full
(6) information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

Represents the weighted average sales price per share. The shares sold at prices ranging from \$137.79 to \$137.86 per share. Full
 information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

Represents the weighted average sales price per share. The shares sold at prices ranging from \$139.00 to \$139.01 per share. Full
 (8) information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

Represents the weighted average sales price per share. The shares sold at prices ranging from \$132.55 to \$133.20 per share. Full
 information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

Represents the weighted average sales price per share. The shares sold at prices ranging from \$134.32 to \$134.45 per share. Full
 (10) information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

Represents the weighted average sales price per share. The shares sold at prices ranging from \$135.55 to \$136.47 per share. Full(11) information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

Represents the weighted average sales price per share. The shares sold at prices ranging from \$136.60 to \$137.08 per share. Full(12) information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

Represents the weighted average sales price per share. The shares sold at prices ranging from \$137.70 to \$138.68 per share. Full(13) information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

Represents the weighted average sales price per share. The shares sold at prices ranging from \$138.70 to \$139.37 per share. Full
 (14) information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

(15) The stock option is immediately exercisable in full, and vests as to 25% of the shares subject to the option on the one-year anniversary of the vesting commencement date, and thereafter as to 1/48th of the shares in equal monthly installments.

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