LEVINSON	I ARTHUR D											
Form 4												
August 21, 2	_											
FORM	Λ4 _{UNITED S}	STATES	SECUR	ITIES A	ND EX(ънγ	NGE C	OMMISSION		PPROVAL		
				shington,					OMB Number:	3235-0287		
Check the	aar			0					Expires:	January 31,		
if no lon subject t		ENT O	F CHAN			CIA	LOW	NERSHIP OF	Estimated av	2005 Iverage		
Section	16.			SECUR	ITIES				burden hou	rs per		
Form 4 Form 5		uant to S	Section 1	6(a) of the	Securit	ies F	vchang	e Act of 1934,	response	0.5		
obligatio	ons Section 17(a						•	1935 or Section	1			
may con <i>See</i> Inst	iunue.			vestment	•	· ·						
1(b).												
(Print or Type	Responses)											
1. Name and	Address of Reporting P	Person <u>*</u>	2. Issuer	Name and	Ticker or	Tradiı	ng	5. Relationship of	Reporting Pers	son(s) to		
LEVINSO	N ARTHUR D		Symbol				C	Issuer				
			GENEN	ITECH IN	IC [DNA	\]		(Checl	k all applicable	:)		
(Last) (First) (Middle) 3. Date of (Month/D 1 DNA WAY 08/17/20				Earliest Tra	ansaction			_X_ Director 10% Owner				
			•				XOfficer (give titleOther (specify					
								below) CHAI	below) RMAN & CEO)		
	(Street)		4. If Ame	ndment, Da	te Original	l		6. Individual or Jo	int/Group Filin	g(Check		
			Filed(Mor	th/Day/Year)				Applicable Line) _X_ Form filed by C	na Danarting Da	r (0 n		
SO SAN F	RANCISCO, CA 9	4080						Form filed by M Form filed by M Person				
(City)	(State) (Zip)	Tabl	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	, or Beneficial	ly Owned		
1.Title of	2. Transaction Date			3.	4. Securi		-	5. Amount of	6. Ownership			
Security (Instr. 3)	(Month/Day/Year)	Execution any	on Date, if Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) Day/Year) (Instr. 8)					Securities Beneficially	Form: Direct (D) or	Indirect Beneficial		
(Insu: 5)		-					5)	Owned	Indirect (I)	Ownership		
								Following Reported	(Instr. 4)	(Instr. 4)		
						(A) or		Transaction(s)				
				Code V	Amount	(D)	Price	(Instr. 3 and 4)				
Common	08/17/2006			М	600	А	\$	9,212	D			
Stock							12.13	-,	_			
Common Stock	08/17/2006			S	600	D	\$ 81.82	8,612	D			
							о1.02 Ф					
Common Stock	08/17/2006			Μ	600	А	\$ 12.13	9,212	D			
Common Stock	08/17/2006			S	600	D	\$ 81.83	8,612	D			
Common							\$					
Stock	08/17/2006			Μ	1,000	А	» 12.13	9,612	D			

Common Stock	08/17/2006	S	1,000	D	\$ 81.91	8,612	D
Common Stock	08/17/2006	М	200	А	\$ 12.13	8,812	D
Common Stock	08/17/2006	S	200	D	\$ 81.92	8,612	D
Common Stock	08/17/2006	М	700	А	\$ 12.13	9,312	D
Common Stock	08/17/2006	S	700	D	\$ 81.94	8,612	D
Common Stock	08/17/2006	М	700	A	\$ 12.13	9,312	D
Common Stock	08/17/2006	S	700	D	\$ 81.95	8,612	D
Common Stock	08/17/2006	М	300	A	\$ 12.13	8,912	D
Common Stock	08/17/2006	S	300	D	\$ 81.96	8,612	D
Common Stock	08/17/2006	М	600	А	\$ 12.13	9,212	D
Common Stock	08/17/2006	S	600	D	\$ 81.98	8,612	D
Common Stock	08/17/2006	М	1,800	А	\$ 12.13	10,412	D
Common Stock	08/17/2006	S	1,800	D	\$ 81.99	8,612	D
Common Stock	08/17/2006	М	600	А	\$ 12.13	9,212	D
Common Stock	08/17/2006	S	600	D	\$ 82.03	8,612	D
Common Stock	08/17/2006	М	600	А	\$ 12.13	9,212	D
Common Stock	08/17/2006	S	600	D	\$ 82.04	8,612	D
Common Stock	08/17/2006	М	600	А	\$ 12.13	9,212	D
Common Stock	08/17/2006	S	600	D	\$ 82.06	8,612	D
Common Stock	08/17/2006	М	600	А	\$ 12.13	9,212	D
	08/17/2006	S	600	D		8,612	D

Common Stock					\$ 82.08		
Common Stock	08/17/2006	М	100	А	\$ 12.13	8,712	D
Common Stock	08/17/2006	S	100	D	\$ 82.09	8,612	D
Common Stock	08/17/2006	М	1,800	А	\$ 12.13	10,412	D
Common Stock	08/17/2006	S	1,800	D	\$ 82.11	8,612	D

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

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.

 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)	4. Transac Code (Instr. 8	5. tionNumber of) Derivativ Securitie Acquirec (A) or Disposed of (D) (Instr. 3, 4, and 5)	s I I	Date	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owne Follo Repo Trans (Instr
			Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
1. 8	Director	10% Owner	Officer	Other			
LEVINSON ARTHUR D 1 DNA WAY SO SAN FRANCISCO, CA 94080	Х		CHAIRMAN & CEO				

Signatures

Arthur D. Levinson, 08/18/2006 Ph.D.

**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).

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.