FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

	Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB Number: 3235-0287 Estimated average burden hours per response: 0.5

OMB APPROVAL

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>KIRK RANDAL J</u>				PF	ssuer Name and Ti <u>RECIGEN, IN</u>	<u>IC.</u> [PGE	N]	(Che	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
(Last) (First) (Middle)					Date of Earliest Tran /09/2024	nsactior	n (Mor	nth/Day/Year)		Officer (give title Other (specify below) below)						
C/O THIRD SECURITY, LLC				4.1	f Amendment, Date	dividual or Joint/Gro	oup Filing (Chec	k Applicable								
1881 GROVE AVENUE					Form filed by One Reporting Person Form filed by More than One Reporting											
(Street) RADFORD	VA	24141	l		Person											
(Cit.)	(Stata)	(7:n)		R	Rule 10b5-1(c) Transaction Indication											
(City)	(State)	(Zip)			Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.											
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																
1. Title of Security (Instr. 3)			2. Transaction Date (Month/Day/Y		Execution Date,	3. Transaction Code (Instr. 8)					Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
						Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)					
Common Stock			08/09/202	24		Р		23,529,411	A	\$0.85	64,547,214	I	by R.J. Kirk DOT ⁽¹⁾			
Common Stock											6,085,471	I	by Third Security ⁽¹⁾			
Common Stock											490,401	I	by JPK 2008 ⁽¹⁾			
Common Stock											3,703,398	I	by JPK 2009 ⁽¹⁾			
Common Stock											1,654,363	I	by JPK 2012 ⁽¹⁾			
Common Stock											489,438	I	by MGK 2008 ⁽¹⁾			
Common Stock											3,944,437	I	by MGK 2009 ⁽¹⁾			
Common Stock											1,637,040	I	by MGK 2011 ⁽¹⁾			
Common Stock											578,079	Ι	by ZSK 2008 ⁽¹⁾			
Common Stock											351,120	I	by ZSK 2009 ⁽¹⁾			
Common Stock											453,731	Ι	by Kellie L. Banks LTT ⁽¹⁾			
Common Stock											1,096,686	Ι	by Parkview 2020 ⁽¹⁾			
Common Stock											13,520,789	I	by Kapital Joe ⁽¹⁾			
Common Stock											1,403	I	by Lotus ⁽¹⁾			
Common Stock											16,406,828	I	by Sunset 2020 ⁽¹⁾			
Common Stock											1,144,481	I	by Spouse			
		Table I	I - Derivati	ve S	Securities Acq	uired	. Dis	posed of. o	r Ben	eficially	v Owned					

(e.g., puts, calls, warrants, options, convertible securities)

			1			1							1		
1. Title of	2.	3. Transaction Tal	ble IPeeDerivat Execution Date,	ive Se	curi	tiêdy	an bein	ifePeter Frees	isableland	わず 内神	meficial	18 Digente	9. Number of derivative	10.	11. Nature
Derivative	Conversion	Date	Execution Date,	Transa	iction	l of í		Expiration Da	ite	Amou	nt of	Derivative	derivative	Ownership	of Indirect
Security	or Exercise	(Month/Day/Year)	ifany (e.g., pu	11S0,d6 (anksr, '	WBEIIi	anus,	apptionsy/0	anvertib	6666	RUUTIOS	Security	Securities	Form:	Beneficial
(Instr. 3)	Price of		(Month/Day/Year)	8)		Secu	rities			Under		(Instr. 5)	Beneficially	Direct (D)	Ownership
1. Title of	Perivative	3. Transaction	3A. Deemed	4.		Acet	liffed	6. Date Exerc	isable and	Perivi	tixe	8. Price of	9 Williflber of	ុត្ត Indirect	(Instrature
Derivative	Securityion	Date	Execution Date.		saction (A) or		r	Expiration Da		Secur	ity (Instr.	Derivative	Fellowing	6Whetshap	of Indirect
Security	or Exercise	(Month/Dav/Year)	if any	Code			(Month/Dav/Y		3 and	tive and ity (Instr. ities	Security	Bellowing Becurings Bransacting(s) Costed	Form:	Beneficial	
(Instr. 3)	Price of		(Month/Day/Year)			ISER	rities	s				(Instr. 5)	Transaction(s)	Direct (D)	Ownership
(Derivative		(-/		Acst	lired ⁴			Derivative		(Owned)	or Indirect	(Instr. 4)
	Security					Securities Acquired Acquired (A) of				Security (Instr.			Following	(I) (Instr. 4)	(
						Disp	osed			3 and	4 Amount		Reported		1 1
						of (D					or		Transaction(s)	1	1 1
							3, 4				Number		(Instr. 4)	1	1 1
						and)	Date	Expiration		of			1	1 1
				Code	v	(A)	(D)	Exercisable	Date	Title					1 1
				Code	Ľ	(~)	L ⁽³⁾	LAGICISADIC	Date	Line	Shares				
											or				

Explanation of Responses: 1. Randal J. Kirk controls each of R.J. Kirk Declaration of Trust ("R.J. Kirk DOT"), Third Security, Date ("Third ScExplicationPK 2008 LoC ("JPK 2008"), JPK 2009 LLC ("JPK 2009"), JPK 2012 LLC ("WGR 2088"), MGK 2009 LLC ("MGR 2009"), MGK 2009"), MGK 2009"), MGK 2009 LLC ("MGR 2009"), MGK 2009"),

Remarks:

/s/ Randal J. Kirk

08/13/2024

** Signature of Reporting Person Date

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

* 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.

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 Number.