FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL										
OMB Number: 3235-0287										
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 Addres		son <sup>*</sup>		2. Issue PREC	r Name <b>and</b> Ticker CIGEN, INC.	or Trad [ PGE	ing Sy N]	rmbol			ationship of Reporting all applicable) Director	Person(s) to Iss  X 10% C			
(Last)	(First)	(Middle)		3. Date 03/14/2	of Earliest Transact 2024	tion (Mo	nth/D	ay/Year)			Officer (give title below)	Other below)	(specify		
C/O THIRD SEC 1881 GROVE A (Street)				4. If Am	endment, Date of C	Original I	Filed (	Month/Day/Ye	ar)	6. Indiv Line)					
RADFORD	VA	24141		Rule	10b5-1(c) T	ransa	actio	on Indicat	tion		Person				
(City)	(State)	(Zip)		│ │		e that a t	ransac	tion was made p	oursuant to	o a contract, on 10.	instruction or written pl	an that is intended	to satisfy		
		Table I - Nor	า-Deriva	ative S	ve Securities Acquired, Disposed of, or Beneficially Owned										
1. Title of Security	(Instr. 3)		2. Transa Date (Month/D		2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code ( 8)		4. Securities and Disposed Of (	Acquired (D) (Instr.	(A) or 3, 4 and 5)	5. Amount of Securities 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)		(111541. 4)		
Common Stock			03/14	/2024		A		69,930	A	\$1.43	32,121,391	I	by R.J. Kirk DOT <sup>(1)</sup>		
Common Stock											1,096,686	I	by Parkview 2020 <sup>(1)</sup>		
Common Stock											490,401	I	by JPK 2008 <sup>(1)</sup>		
Common Stock											3,703,398	I	by JPK 2009 <sup>(1)</sup>		
Common Stock											1,654,363	I	by JPK 2012 <sup>(1)</sup>		
Common Stock											489,438	I	by MGK 2008 <sup>(1)</sup>		
Common Stock											3,944,437	I	by MGK 2009 <sup>(1)</sup>		
Common Stock											1,637,040	I	by MGK 2011 <sup>(1)</sup>		
Common Stock											578,079	I	by ZSK 2008 <sup>(1)</sup>		
Common Stock											351,120	I	by ZSK 2009 <sup>(1)</sup>		
Common Stock											453,731	I	by Kellie L. Banks LTT <sup>(1)</sup>		
Common Stock											1,015,604	I	by Sr. Staff 2015 <sup>(1)</sup>		
Common Stock											1,015,626	I	by Staff 2015 <sup>(1)</sup>		
Common Stock										13,520,789	I	by Kapital Joe <sup>(1)</sup>			
Common Stock											1,144,481	I	by Spouse		
Common Stock											1,403	I	by Lotus <sup>(1)</sup>		
Common Stock											16,406,828	I	by Sunset 2020 <sup>(1)</sup>		

1. Title of	Security (Ins	tr. 3)	2. Transaction Date (Month/Day/Year)   2A. Deemed Execution Date, (Month/Day/Year)   3. Transaction Code (Instr. 8)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed Of (D) (D) (Instr. 3, 4 and 1)   4. Securities Acquired (A) o Disposed (A) o Disp						d (A) or tr. 3, 4 and 5) Securities Beneficially Owned Following Reported			Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
								Code	v	Amount	1)	A) or D)	Price	Transacti (Instr. 3 a	ion(s)		(IIISti. 4)
Common Stock													1,839	9,946	I	by Staff 2010 <sup>(2)</sup>	
Common Stock												1,383,858		Ι	by Staff 2009 <sup>(2)</sup>		
Common Stock												3,223,803		I	by Sr. Staff 2008 <sup>(2)</sup>		
Common	ommon Stock													691,929		I	by Incentive 2009 <sup>(2)</sup>
Common	ı Stock													1,384,408		I	by Incentive 2010 <sup>(2)</sup>
Common	Stock													311,287		Ι	by Staff 2001 <sup>(2)</sup>
Common	Stock													58,800		I	by Sr. Staff <sup>(2)</sup>
Common	Stock													59,133		I	by Staff 2006 <sup>(2)</sup>
Common	1 Stock													118,266		I	by Sr. Staff 2006 <sup>(2)</sup>
Common	1 Stock													19,711		I	by Incentive 2006 <sup>(2)</sup>
Common	ı Stock													4,995,000		I	by Sr. Staff 2007 <sup>(2)</sup>
Common	Stock													2,497,500		I	by Staff 2007 <sup>(2)</sup>
Common Stock													832,500		I	by Incentive 2007 <sup>(2)</sup>	
			Table II -			curities								Owned			
1. Title of Derivative Security (Instr. 3)	Title of 2. 3. Transaction privative Conversion Date Execution Date Execution Date if any		4. Transaction Code (Instr. 8) 5		5. Numb Derivation Securition Acquired or Disposof (D) (Ir	5. Number of 6. Derivative		late Exercisable a biration Date onth/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported	Ownersh Form: Direct (D or Indirect (I) (Instr.	Beneficia Ownersh ct (Instr. 4)		
				Со	de V	(A)		)ate Exercisab		xpiration late	Title	o N	mount r umber f Shares		Transaction(s (Instr. 4)		
Restricted	(2)	02/14/2024				151.00-		(2)	$\top$	(2)	Comm		74 825	•			by R.J.

					•	•		• •							
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code ( 8)		Derivative		6. Date Exerc Expiration Day/\(\text{Month/Day/\(\text{V}\)}\)	ate	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		Transaction(s) (Instr. 4)		
Restricted Stock Units	(3)	03/14/2024		A		174,825		(3)	(3)	Common Stock	174,825	\$0	174,825	I	by R.J. Kirk DOT <sup>(1)</sup>
Option to Purchase Common Stock (Right to Buy)	\$1.43	03/14/2024		A		203,252		03/14/2024	03/14/2034	Common Stock	203,252	\$0	203,252	I	by R.J. Kirk DOT <sup>(1)</sup>

## **Explanation of Responses:**

## Remarks:

<sup>1.</sup> Randal J. Kirk controls each of R.J. Kirk Declaration of Trust ("R.J. Kirk DOT"), Parkview 2020 Limited Partnership ("Parkview 2020"), JPK 2008 LLC ("JPK 2008"), JPK 2009 LLC ("JPK 2009"), JPK 2012 LLC ("JPK 2012"), MGK 2008 LLC ("MGK 2009"), MGK 2009 LLC ("MGK 2009"), MGK 2011 LLC ("MGK 2011"), ZSK 2008 LLC ("ZSK 2008"), ZSK 2009 LLC ("ZSK 2009"), Kellie L. Banks (2009) Long Term Trust ("Kellie L. Banks LTT"), Third Security Senior Staff 2015 LLC ("Sr. Staff 2015"), Third Security Staff 2015 LLC ("Staff 2015"), Kapital Joe, LLC ("Kapital Joe"), Lotus Capital (2000) Company, Inc. ("Lotus"), and Sunset 2020 LLC ("Sunset 2020"). Shares held by these entities may be deemed to be beneficially owned (as defined under Rule 13d-3 promulgated under the Securities Exchange Act of 1934, as one of the part amended) by Mr. Kirk. Mr. Kirk disclaims beneficial ownership of such shares, except to the extent of any pecuniary interest therein.

<sup>2.</sup> Randal J. Kirk controls each of Third Security Staff 2010 LLC ("Staff 2010"), Third Security Staff 2009 LLC ("Staff 2009"), Third Security Staff 2008 LLC ("Staff 2008"), Third Security Incentive 2009 LLC ("Incentive 2009"), Third Security Incentive 2009"), Third Security Incentive 2010 LLC ("Incentive 2010"), Third Security Staff 2001 LLC ("Staff 2001"), Third Security Senior Staff 2006 LLC ("Staff 2006"), Third Security Senior Staff 2006 LLC ("Staff 2007"), Third Security Senior Staff 2007"), Third Security Staff 2007"), Third Security Senior Staff 2007"), Third Security Staff 2007"), Third Security Senior Staff 2007"), Third Security Senior Staff 2007"), Third Security Staff 2007"), Third Security Senior Staff 2007"), Third Security Staff 2007"), Third Security Senior Staff 2007"), Third Security Staff 2007"), Third Security Senior Staff 2007", Third Security Staff 2007"), Third Security Senior Staff 2007", Third Security Staff 2007", Third Security Senior Staff 2007", Third Security Staff 2007", Third Security Senior Staff 2007", Third S

<sup>3.</sup> Each restricted stock unit represents a contingent right to receive one (1) share of issuer common stock and shall vest on the one-year anniversary of the date of grant, subject to Mr. Kirk continuously providing services to the issuer or an affiliate from the date of grant until such time

- $^{\star}$  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.

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