FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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STATEMENT	OF CHANG	GES IN BEI	NEFICIAL	OWNERSHIP
OIAILMEN	OI OII/AIN	OLO III DLI	ILI IOIAL	OWNER

	OMB APPROVAL									
	OMB Number: 3235-0287									
l	Estimated average burder	ı								
l	hours per response:	0.5								

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

Name and Address of Reporting Person* GNI Group Ltd.									er or Trading				lationship of ck all applica			• •			
						3. Date of Earliest Transaction (Month/Day/Year) 10/27/2023								Director X 10% Owner Officer (give title Other (specify below) below)					
NIHONBASHI-HONCHO YS BLDG 3F 2-2-2 NIHONBASHI-HONCHO, CHUO-KU							4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting Person				
(Street) TOKYO M0 103-0023					F	Rule 10b5-1(c) Transaction Indication													
(City) (State) (Zip)						Che affir	ck this box t mative defer	o indio	cate that a trai nditions of Ru	nsac ile 10	tion was ma 0b5-1(c). Se	ade pursuant to ee Instruction 1	a contract, 0.	instruction or	written pla	n that is	intended to s	atisfy the	
Table I - Non-Derivative : 1. Title of Security (Instr. 3) 2. Transaction Date							2A. Deemed 3.			uired, Disposed of, or Benefici 3. 4. Securities Acquired (A) o Transaction Disposed Of (D) (Instr. 3, 4 a				or 5. Amount of Securities				7. Nature of ndirect	
				(Month/Day/Year)		/Year)	if any (Month/Day/Year)		Code (In 8)	Code (Instr. 8) Code V Amount		(A) or Price		Beneficially Owned Following Reported Transaction(s)		(D) or Indirect (I) (Instr. 4)		Beneficial Ownership (Instr. 4)	
			Table II - D						uired, Di	spo	osed of,		icially O	(Instr. 3 an	d 4)				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Dat if any (Month/Day/Ye	, 4. Tra	ansaction		5. Number of 6 Derivative E		6. Date Exe Expiration I	options, converti 6. Date Exercisable and Expiration Date (Month/Day/Year)		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)	
				Cod	de	v	(A)	(D)	Amount or Date Expiration Number		Transac (Instr. 4)	tion(s)							
Series X Convertible Preferred Stock	(1)	10/27/2023		I	,		811		(1)		(2)	Common Stock	811,000	\$4,915	13,1	51	I	See Footnote ⁽³⁾	
Series X Convertible Preferred Stock Warrant (Right to Buy)	(4)	10/27/2023		I	þ		8,110,300		10/30/2023	1	.0/30/2033	Series X Convertible Preferred Stock	811	\$0.125	8,110	,300	I	See Footnote ⁽³⁾	
	d Address of	Reporting Person*																	
		(First) NCHO YS BLDO I-HONCHO, CH																	
(Street) TOKYO M0 103-0023																			
(City) (State) (Zip)																			
1. Name an		Reporting Person*																	
(Last) (First) (Middle) 12730 HIGH BLUFF DRIVE SUITE 250																			
(Street) SAN DIEGO CA 92130																			
(City)		(State)	(Zip)				1												

Explanation of Responses:

- . Shares of Series X Convertible Preferred Stock of the Issuer, par value \$0.001 per share (the "Preferred Stock"), are convertible into shares of the Issuer's common stock at any time at the option of the holder thereof, based on the Conversion Ratio and subject to certain limitations, including the Beneficial Ownership Limitation (as such terms are defined in the Certificate of Designation for the Preferred Stock filed with the Securities and Exchange Commission as Exhibit 3.1 to the Issuer's Form 8-K filed on December 27, 2022).
- 2. The Preferred Stock has no expiration date.
- 3. These securities are held by GNI USA, Inc., a Delaware corporation ("GNI USA") which is a wholly-owned subsidiary of GNI Group Ltd., a company incorporated under the laws of Japan with limited liability ("GNI Japan"). GNI Japan may be deemed for purposes of Section 16 of the Securities Exchange Act of 1934, as amended, to be the indirect beneficial owner of the securities held by GNI USA.
- 4. These warrants have an exercise price of \$4,915.00 per share of Preferred Stock.

in-fact for GNI Group Ltd. /s/ Branden Berns, as attorneyin-fact for GNI USA, Inc.

10/31/2023

** Signature of Reporting Person

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.