

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

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 * Kennedy David P	2. Date of Event Requiring Statement (MM/DD/YYYY) 9/24/2020	3. Issuer Name and Ticker or Trading Symbol Vector Acquisition Corp [VACQ]
(Last) (First) (Middle) C/O VECTOR ACQUISITION CORPORATION, ONE MARKET ST. STEUART TOWER, 23RD FLOOR	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	
(Street) SAN FRANCISCO, CA 94105	5. If Amendment, Date Original Filed(MM/DD/YYYY)	6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
(City) (State) (Zip)		

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)

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

1. Title of Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Class B ordinary shares	(1)	(1)	Class A ordinary shares	25000	(1)	D	

Explanation of Responses:

(1) As described in the issuer's registration statement on Form S-1 (File No. 333-248665) under the heading "Description of Securities--Founder Shares", the Class B ordinary shares, par value \$0.0001 per share, will automatically convert into Class A ordinary shares, par value \$0.0001 per share, of the issuer at the time of the issuer's initial business combination, or earlier at the option of the holder, on a one-for-one basis, subject to adjustment for share splits, share capitalizations, reorganizations, recapitalizations and the like, and certain anti-dilution rights and have no expiration date.

Remarks:

Exhibit List: Exhibit 24 - Power of Attorney

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Kennedy David P C/O VECTOR ACQUISITION CORPORATION ONE MARKET ST. STEUART TOWER, 23RD FLOOR SAN FRANCISCO, CA 94105	X			

Signatures

/s/ David Baylor, as Attorney-in-fact

Signature of Reporting Person

9/24/2020

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 5(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 control number.

POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS, that the undersigned hereby makes, constitutes and appoints Alex Slusky and David Baylor, acting singly and with full power of substitution or revocation, the undersigned's true and lawful attorneys-in-fact, with full power and authority as hereinafter described on behalf of and in the name, place and stead of the undersigned to:

- (i) execute for and on behalf of the undersigned, in the undersigned's capacity as a director, director nominee, officer or beneficial owner of ordinary shares of Vector Acquisition Corporation, a Cayman Islands exempted company (the "Company"), any Schedule 13D or Schedule 13G, and any amendments, supplements or exhibits thereto (including any joint filing agreements) required to be filed by the undersigned under Section 13 of the Securities Exchange Act of 1934, as amended, and the rules promulgated thereunder (the "Exchange Act"), and any Forms 3, 4, and 5 and any amendments, supplements or exhibits thereto required to be filed by the undersigned under Section 16(a) of the Exchange Act;
- (ii) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such schedules or forms and timely file such forms with the United States Securities and Exchange Commission and any applicable stock exchange; and
- (iii) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorneys-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorneys-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorneys-in-fact may approve in such attorneys-in-fact's discretion.

The undersigned hereby grants to such attorneys-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorneys-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with, or any liability for the failure to comply with, Section 13 and/or Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file reports or schedules under Section 13 or Section 16 of the Exchange Act with respect to the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

* * * * *

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 24th day of September, 2020.

By: /s/ David Kennedy

Name: David Kennedy

Title: Director
