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

Washington, D.C. 20549

	SCHEDULE 13G
Under	r the Securities Exchange Act of 1934 (Amendment No. 1)*
V	ericel Corporation (Name of Issuer)
	Common Shares (Title of Class of Securities)
	92346J108 (CUSIP Number)
(Date	December 31, 2021 e of Event Which Requires Filing of this Statement)
Check the appropriate box to designate the rule pursuant	to which this Schedule is filed:
⊠ Rule 13d-1(b)	
☐ Rule 13d-1(c)	
☐ Rule 13d-1(d)	
* The remainder of this cover page shall be filled our and for any subsequent amendment containing info	

orm with respect to the subject class of securities, vided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1.	Names	of R	eporting Persons
	Macqu	ıarie	Group Limited
2.			Appropriate Box if a Member of a Group (See Instructions)
	(a) 🗵		(b) 🗆
3.	SEC U	se O	nly
4.	Citizer	ship	or Place of Organization
	Sydney	, Ne	w South Wales Australia
		5.	Sole Voting Power
N	nber of		0
	hares	6.	Shared Voting Power
_	eficially		5 The control of the
	ned by		0
	Each	7.	Sole Dispositive Power
	porting	, <b>.</b>	one Dispositive Former
	erson		0
7	With 8. Shared Dispositive Power		
		0.	Shared Dispositive Forter
			0
9.	Aggreg	sate A	Amount Beneficially Owned by Each Reporting Person
٥.	1155108	,utc 1	infount Beneficially 6 whea by Euch Reporting Ferson
	1 922 3	ንደበ	eemed beneficially owned due to reporting person's ownership of Macquarie Management Holdings Inc., Macquarie Investment
	Management Business Trust and Ivy Investment Management Company whose individual holdings are shown on the following forms.		
10.			e Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
10.	CHECK	11 (11)	Tiggregate fundant in Now (3) Excludes Certain Shares (See instructions)
11.	Percen	t of (	Class Represented by Amount in Row (9)
11.	1. Terecht of Ondo Represented by Innount in Now (b)		
	4.11%		
12.	Туре о	f Rei	porting Person (See Instructions)
	J	-1	
	HC		

1.	Names of Reporting Persons			
			Management Holdings Inc	
2.	Check	the A	Appropriate Box if a Member of a Group (See Instructions)	
	(-) V		4)	
3.	(a) ⊠ SEC U		(b)	
3.	SEC U	ise O	my	
4.	Citizon	chin	or Place of Organization	
4.	Citizei	isiiip	of Flace of Organization	
	State o	f Del	laware	
		5.	Sole Voting Power	
Nun	iber of		1,727,068.00	
	ares	6.	Shared Voting Power	
Beneficially				
	ned by		0	
Each		7.	Sole Dispositive Power	
Reporting Person 1 727 068 00				
1,727,000,00				
·	With 8. Shared Dispositive Power			
9.				
٥.				
	1,727,068.00			
10.	0. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)			
11.	11. Percent of Class Represented by Amount in Row (9)			
- 10	3.69%			
12.	Type o	t Kep	porting Person (See Instructions)	
1	HC			

1.	. Names of Reporting Persons			
	Macqı	ıarie	Investment Management Business Trust	
2.	Check	the A	Appropriate Box if a Member of a Group (See Instructions)	
	(a) ⊠		(b) □	
3.	SEC U	se O	ınly	
4.	Citizer	ship	or Place of Organization	
	State o	f De	laware	
		5.	Sole Voting Power	
Nun	nber of		1,727,068.00	
_	nares	6.	Shared Voting Power	
Beneficially Owned by 0				
Each 7. Sole Dispositive Power		Sole Dispositive Power		
Reporting Person 1,727,068.00				
V	With 8. Shared Dispositive Power			
9.	9. Aggregate Amount Beneficially Owned by Each Reporting Person			
	1,727,068.00			
10.	10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)			
11.	Percen	t of (	Class Represented by Amount in Row (9)	
	3.69%			
12.		f Rej	porting Person (See Instructions)	
	IA			

1.	Names of Reporting Persons			
	Macquarie Investment Management Group Limited			
2.	Check	the A	Appropriate Box if a Member of a Group (See Instructions)	
	(a) ⊠		(b) □	
3.	SEC U		* /	
4.	Citigor	ahin	or Place of Organization	
4.	Citizei	ısınp	of Place of Organization	
	Sydne		w South Wales, Australia	
		5.	Sole Voting Power	
Nui	nber of		1,537	
_	hares	6.	Shared Voting Power	
Beneficially Owned by 0			0	
Each 7. Sole Dispositive Power		Sole Dispositive Power		
	Reporting Person 1,537			
1	With 8. Shared Dispositive Power			
9.	9. Aggregate Amount Beneficially Owned by Each Reporting Person			
	1,537			
10.				
11.	_	t of (	Class Represented by Amount in Row (9)	
	0.000/			
12.	0.00%	f Rei	porting Person (See Instructions)	
1			recon (eee mendeadie)	
	CO			

1.	Names of Reporting Persons		
	Ivy Investment Management Company		
2.	Check	the A	Appropriate Box if a Member of a Group (See Instructions)
	(a) ⊠		(b) □
3.	SEC U	Jse O	nly
4.	Citizer	ıship	or Place of Organization
	State o	of De	laware
		5.	Sole Voting Power
Nui	mber of		193,675.00
	hares	6.	Shared Voting Power
Beneficially Owned by 0			
Each 7. Sole Dispositive Power Reporting		7.	Sole Dispositive Power
Person 193,675.00			
With 8. Shared Dispositive Power			
0			
9.	. Aggregate Amount Beneficially Owned by Each Reporting Person		
10	193,675.00		
10.	0. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)		
44			
11.	Percen	it of (	Class Represented by Amount in Row (9)
10	0.42%		nuting Davier (Car Instructions)
12.	туре о	ır Ke]	porting Person (See Instructions)
	IA		

Vericel Corporation (b) Address of Issuer's Principal Executive Offices 64 Sidney Street Cambridge, MA 02139  Item 2.  (a) Name of Person Filing This Schedule 13G is jointly filed by Macquarie Group Limited, Macquarie Management Holdings Inc, Macquarie Investment Management Business Trust, Macquarie Investment Management Global Limited and Ivy Investment Management Company (b) Address of Principal Business Office or, if none, Residence The principal business address of Macquarie Group Limited and Macquarie Investment Management Global Limited is 50 Martin Place Sydney. New South Wales, Australia. The principal business address of Macquarie Investment Management Holdings Inc. and Macquarie Investment Management Gompany is 6301 Glenwood St Overland Park, KS 66202 (c) Citizenship Macquarie Group Limited, Macquarie Investment Management Global Limited—Sydney, New South Wales, Australia Corporation Macquarie Management Holdings Inc., Macquarie Investment Management Business Trust and Ivy Investment Management Company—incorporated or formed under the laws of the State of Delaware. (d) Title of Class of Securities Common Stock (e) CUSIP Number 923461108  Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o); (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
Item 2.  (a) Name of Person Filing This Schedule 13G is jointly filed by Macquarie Group Limited, Macquarie Management Holdings Inc, Macquarie Investment Management Business Trust, Macquarie Investment Management Global Limited and Ivy Investment Management Company  (b) Address of Principal Business of Macquarie Group Limited and Macquarie Investment Management Company  (b) Address of Principal Business of Macquarie Group Limited and Macquarie Investment Management Global Limited is 50 Martin Place Sydney, New South Wales, Australia. The principal business address of Macquarie Management Holdings Inc. and Macquarie Investment Management Business Trust is 2005 Market Street, Philadelphia, PA 19103. The principal business address of Ivy Investment Management Company is 6301 Glenwood St Overland Park, KS 66202  (c) Citizenship Macquarie Group Limited, Macquarie Investment Management Global Limited—Sydney, New South Wales, Australia Corporation Macquarie Management Holdings Inc., Macquarie Investment Management Business Trust and Ivy Investment Management Company—incorporated or formed under the laws of the State of Delaware.  (d) Title of Class of Securities Common Stock  (e) CUSIP Number 92346J108  Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filling is a:  (a)   Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);
Item 2.  (a) Name of Person Filing This Schedule 13G is jointly filed by Macquarie Group Limited, Macquarie Management Holdings Inc, Macquarie Investment Management Business Trust, Macquarie Investment Management Global Limited and Ivy Investment Management Company  (b) Address of Principal business office or, if none, Residence The principal business address of Macquarie Group Limited and Macquarie Investment Management Global Limited is 50 Martin Place Sydney, New South Wales, Australia. The principal business address of Macquarie Management Holdings Inc. and Macquarie Investment Management Business Trust is 2005 Market Street, Philadelphia, PA 19103. The principal business address of Ivy Investment Management Company is 6301 Glenwood St Overland Park, KS 66202  (c) Citizenship Macquarie Group Limited, Macquarie Investment Management Global Limited—Sydney, New South Wales, Australia Corporation Macquarie Management Holdings Inc., Macquarie Investment Management Business Trust and Ivy Investment Management Company—incorporated or formed under the laws of the State of Delaware.  (d) Title of Class of Securities Common Stock  (e) CUSIP Number 92346J108  Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a)   Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);
(a) Name of Person Filing This Schedule 13G is jointly filed by Macquarie Group Limited, Macquarie Management Holdings Inc, Macquarie Investment Management Business Trust, Macquarie Investment Management Global Limited and Ivy Investment Management Company  (b) Address of Principal Business Office or, if none, Residence The principal business address of Macquarie Group Limited and Macquarie Investment Management Global Limited is 50 Martin Place Sydney, New South Wales, Australia. The principal business address of Macquarie Management Holdings Inc. and Macquarie Investment Management Business Trust is 2005 Market Street, Philadelphia, PA 19103. The principal business address of Ivy Investment Management Company is 6301 Glenwood St Overland Park, KS 66202  (c) Citizenship Macquarie Group Limited, Macquarie Investment Management Global Limited—Sydney, New South Wales, Australia Corporation Macquarie Management Holdings Inc., Macquarie Investment Management Business Trust and Ivy Investment Management Company—incorporated or formed under the laws of the State of Delaware.  (d) Title of Class of Securities Common Stock  (e) CUSIP Number 92346J108  Item 3. If this statement is filed pursuant to §8240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a) □ Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);
(a) Name of Person Filing This Schedule 13G is jointly filed by Macquarie Group Limited, Macquarie Management Holdings Inc, Macquarie Investment Management Business Trust, Macquarie Investment Management Global Limited and Ivy Investment Management Company  (b) Address of Principal Business Office or, if none, Residence The principal business address of Macquarie Group Limited and Macquarie Investment Management Global Limited is 50 Martin Place Sydney, New South Wales, Australia. The principal business address of Macquarie Management Holdings Inc. and Macquarie Investment Management Business Trust is 2005 Market Street, Philadelphia, PA 19103. The principal business address of Ivy Investment Management Company is 6301 Glenwood St Overland Park, KS 66202  (c) Citizenship Macquarie Group Limited, Macquarie Investment Management Global Limited—Sydney, New South Wales, Australia Corporation Macquarie Management Holdings Inc., Macquarie Investment Management Business Trust and Ivy Investment Management Company—incorporated or formed under the laws of the State of Delaware.  (d) Title of Class of Securities Common Stock  (e) CUSIP Number 92346J108  Item 3. If this statement is filed pursuant to §8240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a) □ Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);
This Schedule 13G is jointly filed by Macquarie Group Limited, Macquarie Management Holdings Inc, Macquarie Investment Management Business Trust, Macquarie Investment Management Global Limited and Ivy Investment Management Company  (b) Address of Principal Business Office or, if none, Residence  The principal business address of Macquarie Group Limited and Macquarie Investment Management Global Limited is 50 Martin Place Sydney, New South Wales, Australia. The principal business address of Macquarie Management Holdings Inc. and Macquarie Investment Management Business Trust is 2005 Market Street, Philadelphia, PA 19103. The principal business address of Ivy Investment Management Company is 6301 Glenwood St Overland Park, KS 66202  (c) Citizenship  Macquarie Group Limited, Macquarie Investment Management Global Limited—Sydney, New South Wales, Australia Corporation  Macquarie Management Holdings Inc., Macquarie Investment Management Business Trust and Ivy Investment Management Company—incorporated or formed under the laws of the State of Delaware.  (d) Title of Class of Securities  Common Stock  (e) CUSIP Number  92346J108  Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);
Management Business Trust, Macquarie Investment Management Global Limited and Ivy Investment Management Company  (b) Address of Principal Business Office or, if none, Residence  The principal business address of Macquarie Group Limited and Macquarie Investment Management Global Limited is 50 Martin Place Sydney, New South Wales, Australia. The principal business address of Macquarie Management Holdings Inc. and Macquarie Investment Management Business Trust is 2005 Market Street, Philadelphia, PA 19103. The principal business address of Ivy Investment Management Company is 6301 Glenwood St Overland Park, KS 66202  (c) Citizenship  Macquarie Group Limited, Macquarie Investment Management Global Limited—Sydney, New South Wales, Australia Corporation  Macquarie Management Holdings Inc., Macquarie Investment Management Business Trust and Ivy Investment Management Company—incorporated or formed under the laws of the State of Delaware.  (d) Title of Class of Securities  Common Stock  (e) CUSIP Number  92346J108  It this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);
The principal business address of Macquarie Group Limited and Macquarie Investment Management Global Limited is 50 Martin Place Sydney, New South Wales, Australia. The principal business address of Macquarie Management Holdings Inc. and Macquarie Investment Management Business Trust is 2005 Market Street, Philadelphia, PA 19103. The principal business address of Ivy Investment Management Company is 6301 Glenwood St Overland Park, KS 66202  (c) Citizenship  Macquarie Group Limited, Macquarie Investment Management Global Limited—Sydney, New South Wales, Australia Corporation  Macquarie Management Holdings Inc., Macquarie Investment Management Business Trust and Ivy Investment Management Company—incorporated or formed under the laws of the State of Delaware.  (d) Title of Class of Securities  Common Stock  (e) CUSIP Number  92346J108  Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
Place Sydney, New South Wales, Australia. The principal business address of Macquarie Management Holdings Inc. and Macquarie Investment Management Business Trust is 2005 Market Street, Philadelphia, PA 19103. The principal business address of Ivy Investment Management Company is 6301 Glenwood St Overland Park, KS 66202  (c) Citizenship  Macquarie Group Limited, Macquarie Investment Management Global Limited—Sydney, New South Wales, Australia Corporation  Macquarie Management Holdings Inc., Macquarie Investment Management Business Trust and Ivy Investment Management Company—incorporated or formed under the laws of the State of Delaware.  (d) Title of Class of Securities  Common Stock  (e) CUSIP Number  92346J108  Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a)   Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);
Macquarie Group Limited, Macquarie Investment Management Global Limited—Sydney, New South Wales, Australia Corporation  Macquarie Management Holdings Inc., Macquarie Investment Management Business Trust and Ivy Investment Management Company—incorporated or formed under the laws of the State of Delaware.  (d) Title of Class of Securities  Common Stock  (e) CUSIP Number  92346J108  Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a) □ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
Australia Corporation  Macquarie Management Holdings Inc., Macquarie Investment Management Business Trust and Ivy Investment Management Company— incorporated or formed under the laws of the State of Delaware.  (d) Title of Class of Securities  Common Stock  (e) CUSIP Number  92346J108  Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a) □ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
Company—incorporated or formed under the laws of the State of Delaware.  (d) Title of Class of Securities Common Stock  (e) CUSIP Number 92346J108  Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
Common Stock  (e) CUSIP Number 92346J108  Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a)   Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);
(e) CUSIP Number 92346J108  Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a) □ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
92346J108  Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a) □ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:  (a) □ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
(a)  Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);
(b) $\square$ Bank as defined in section 3(a)(6) of the Act (15 II S C 78c):
$(0)$ $\square$ Dank as defined in section $S(a)(0)$ of the rect (10 0.0.0. 700),
(c) $\square$ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
(d)   Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
(e) ⊠ An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
(f) $\Box$ An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
(g) $\boxtimes$ A parent holding company or control person in accordance with $\$240.13d-1(b)(1)(ii)(G)$ ;
(h) $\square$ A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
(i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
(j) $\square$ A non-U.S. institution in accordance with § 240.13d–1(b)(1)(ii)(J);
Group, in accordance with § 240.13d–1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with§ 240.13d–1(b)(1)(ii)(J), (k)  □ please specify the type of institution:
Page 7 of 13

Item 1.

#### Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

See responses on the cover page hereto.

(b) Percent of class:

See responses on the cover page hereto.

- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or to direct the voteSee responses on the cover page hereto.
  - (ii) Shared power to vote or to direct the vote

0

- (iii) Sole power to dispose or to direct the disposition of See responses on the cover page hereto.
- (iv) Shared power to dispose or to direct the disposition of

0

#### Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following  $\boxtimes$ 

#### Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not applicable.

## Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person

See Exhibit A.

#### Item 8. Identification and Classification of Members of the Group

Not applicable.

#### Item 9. Notice of Dissolution of Group

Not applicable.

# **Item 10. Certification**By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

#### Signature

correct.	that the information set forth in this statement is true, complete and	
Macquarie Group Limited	February 11, 2022 Date	
/s/ Paul Peduto	/s/ Charles Glorioso	
Signature	Signature	
Paul Peduto Associate Director	Charles Glorioso Division Director	
After reasonable inquiry and to the best of my knowledge and belief, I certify correct.	y that the information set forth in this statement is true, complete and	
Macquarie Management Holdings, Inc.	February 11, 2022	
	Date	
/s/ Brian L. Murray		
Signature	_	
Brian L. Murray Chief Compliance Officer		
Macquarie Investment Management Business Trust	February 11, 2022	
	Date	
/s/ Brian L. Murray		
Signature	_	

Page 9 of 13

Brian L. Murray Chief Compliance Officer

#### **EXHIBIT A**

#### AGREEMENT TO FILE JOINT ACQUISITION STATEMENTS

AGREEMENT made this 2<sup>nd</sup> day of FEBRUARY, 2021 by and between Delaware Funds® by Macquarie listed on Annex A hereto, Macquarie Investment Management Business Trust, Macquarie Management Holdings, Inc, and the Macquarie Parties listed on Annex B hereto (collectively referred to as the "parties").

WHEREAS, the parties hereto may be deemed to be the direct or indirect beneficial owners of the same equity securities for the purpose of the reporting requirements of Section 13(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and

WHEREAS, the regulations promulgated under Section 13(d) of the Exchange Act permit the joining of such beneficial owners in the filing of a single Joint Acquisition Statement reporting such ownership to the Securities and Exchange Commission.

NOW, THEREFORE, in consideration of the mutual covenants herein contained, and each of the parties hereto intending to be legally bound, it is agreed as follows:

- 1. In the event that any two or more parties shall be deemed to be the direct or indirect beneficial owners of the same equity security required to be reported to the Securities and Exchange Commission such parties may join together in the filing of a Joint Acquisition Statement with respect to that security. Additional persons who may after the date hereof be deemed to be the direct or indirect beneficial owners of the same equity security as a party hereto and required to be reported to the Securities and Exchange Commission (a "New Party") may be added as a party this agreement by signing a counterpart hereof. An amendment to this agreement is deemed effective upon the signature of such new party and the amendment of the applicable Annex which may be affixed to this agreement as amended. Each party hereto agrees that this agreement, as it may be amended from time to time as provided herein, is a valid and binding agreement of each such party.
- 2. With respect to each Joint Acquisition Statement in which a party joins, each party acknowledges that (a) it will be eligible under applicable regulations of the Securities and Exchange Commission to join in the filing and (b) it will be responsible for the timely filing of such statement and any amendments thereto and the completeness and accuracy of the information concerning such party; but each such party shall not be responsible for the completeness and accuracy of the information concerning the other parties making the filing, unless such party knows or has reason to believe that such information with respect to such other parties is inaccurate.
- 3. The parties consent to the inclusion of a copy of this agreement as an exhibit to any Joint Acquisition Statement filed on behalf of any of them.

ATTEST BY:						
/s/ Brian L. Murray	/s/ David Connor					
Signature	Signature					
Brian L. Murray Chief Compliance Officer	David Connor General Counsel					
MACQUARIE INVESTMENT MANAGEMENT BUSINESS TRUST						
/s/ Brian L. Murray Signature	/s/ David Connor Signature					
Brian L. Murray	David Connor					
Chief Compliance Officer	General Counsel					
MACQUARIE MANAGEMENT HOLDINGS, INC.						
/s/ Brian L. Murray	/s/ David Connor					
Signature	Signature					
Brian L. Murray Chief Compliance Officer	David Connor General Counsel					
THE MACQUARIE PARTIES (LISTED ON ANNEX B HERETO)						
ATTEST BY:						
/s/ Paul Peduto	/s/ Charles Glorioso					
Signature	Signature					
Paul Peduto Associate Director	Charles Glorioso Division Director					
Page 11 of 13						

IN WITNESS WHEREOF, the parties hereto have executed this agreement by their duly authorized officers as of the date set forth above.

DELAWARE FUNDS® BY MACQUARIE (listed on Annex A hereto)

#### Annex A— Delaware FundsSM by Macquarie

DELAWARE GROUP EQUITY FUNDS I

DELAWARE GROUP EQUITY FUNDS II

DELAWARE GROUP EQUITY FUNDS IV

DELAWARE GROUP EQUITY FUNDS V

DELAWARE GROUP INCOME FUNDS

DELAWARE GROUP LIMITED-TERM GOVERNMENT FUNDS

DELAWARE GROUP CASH RESERVE

DELAWARE GROUP GOVERNMENT FUND

DELAWARE GROUP STATE TAX-FREE INCOME TRUST

DELAWARE GROUP TAX-FREE FUND

DELAWARE GROUP GLOBAL & INTERNATIONAL FUNDS

DELAWARE GROUP ADVISER FUNDS

DELAWARE VIP TRUST

DELAWARE POOLED TRUST

DELAWARE GROUP FOUNDATION FUNDS

DELAWARE INVESTMENTS DIVIDEND AND INCOME FUND, INC.

DELAWARE ENHANCED GLOBAL DIVIDEND AND INCOME FUND

INVESTED PORTFOLIOS

IVY HIGH INCOME OPPORTUNITIES FUND

**IVY FUNDS** 

IVY VARIABLE INSURANCE PORTFOLIOSSM

VOYAGEUR INSURED FUNDS

VOYAGEUR INTERMEDIATE TAX FREE FUNDS

VOYAGEUR MUTUAL FUNDS

VOYAGEUR MUTUAL FUNDS II

VOYAGEUR MUTUAL FUNDS III

VOYAGEUR TAX FREE FUNDS

DELAWARE INVESTMENTS COLORADO MUNICIPAL INCOME FUND, INC.

DELAWARE INVESTMENTS NATIONAL MUNICIPAL INCOME FUND

DELAWARE INVESTMENTS MINNESOTA MUNICIPAL INCOME FUND II, INC.

Page 12 of 13

#### Annex B — the Macquarie Parties

#### Macquarie Group Limited

Macquarie Affiliated Managers (USA) Inc.
Macquarie Affiliated Managers Holdings (USA) Inc.
Macquarie Americas Holdings Pty Ltd.
Macquarie B.H. Pty Limited
Macquarie FG Holdings Inc.
Macquarie Funding Holdings LLC
Macquarie Investment Management Europe Limited

#### **EXHIBIT B**

Powers of Attorney for Macquarie Group Limited incorporated by reference to 13G filings made by Macquarie Group Limited and on May 25, 2021.

Page 13 of 13