MACQUARIE BANK LTD Form SC 13G February 10, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No.)*

Abiomed Inc.

(Name of Issuer)

Common Shares

(Title of Class of Securities)

003654100

(CUSIP Number)

December 31, 2011

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- x Rule 13d-1(b)
- o Rule 13d-1(c)
- o Rule 13d-1(d)

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).

^{*}The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

1.	Names of Reporting Persons Macquarie Group Limited		
2.	Check the Appropriate Box if a (a) (b)	a Member of a Group (See x	Instructions)
3.	SEC Use Only		
4.	Citizenship or Place of Organiz Sydney, New South Wales Aus		
N. I. C	5.		Sole Voting Power 3,440,908
Number of Shares Beneficially Owned by	6.		Shared Voting Power 0
Each Reporting Person With	7.		Sole Dispositive Power 3,440,908
	8.		Shared Dispositive Power 0
9.		owned due to reporting per	ng Person rson s ownership of Macquarie Bank Limited, Delaware usiness Trust whose individual holdings are shown on the
10.	Check if the Aggregate Amoun	nt in Row (9) Excludes Cert	tain Shares (See Instructions) o
11.	Percent of Class Represented b 8.82%	y Amount in Row (9)	
12.	Type of Reporting Person (See HC	Instructions)	
		2	

3

1.	Names of Reporting Persons Macquarie Bank Limited		
2.	. ,	X	Instructions)
	(b)	0	
3.	SEC Use Only		
4.	Citizenship or Place of Organiza Sydney, New South Wales, Aus		
N. I. C	5.		Sole Voting Power 0
Number of Shares Beneficially Owned by	6.		Shared Voting Power 0
Each Reporting Person With	7.		Sole Dispositive Power 0
	8.		Shared Dispositive Power 0
9.	Aggregate Amount Beneficially 0	Owned by Each Reporting	g Person
10.	Check if the Aggregate Amount	in Row (9) Excludes Cert	ain Shares (See Instructions) o
11.	Percent of Class Represented by 0%	Amount in Row (9)	
12.	Type of Reporting Person (See CO	Instructions)	

1.	Names of Reporting Persons Delaware Management Holdings	Inc.
2.	Check the Appropriate Box if a M (a) x (b) o	Tember of a Group (See Instructions)
3.	SEC Use Only	
4.	Citizenship or Place of Organizati State of Delaware	on
	5.	Sole Voting Power
Number of		3,440,908
Shares Beneficially Owned by	6.	Shared Voting Power
Each	7.	Sole Dispositive Power
Reporting Person With		3,440,908
	8.	Shared Dispositive Power
9.	Aggregate Amount Beneficially C 3,440,908 deemed beneficially ov	Owned by Each Reporting Person vned due to reporting person s ownership of Delaware Management Business Trust
10.	Check if the Aggregate Amount in	n Row (9) Excludes Certain Shares (See Instructions) o
11.	Percent of Class Represented by A 8.82%	Amount in Row (9)
12.	Type of Reporting Person (See In HC	structions)
		4

1.	Names of Reporting Persons Delaware Management Busine	ss Trust	
2.	Check the Appropriate Box if a (a) (b)	a Member of a Group (See) x o	Instructions)
3.	SEC Use Only		
4.	Citizenship or Place of Organiz State of Delaware	zation	
Number of	5.		Sole Voting Power 3,440,908
Shares Beneficially Owned by	6.		Shared Voting Power
Each Reporting Person With	7.		Sole Dispositive Power 3,440,908
	8.		Shared Dispositive Power
9.	Aggregate Amount Beneficiall 3,440,908	y Owned by Each Reportin	g Person
10.	Check if the Aggregate Amour	nt in Row (9) Excludes Cert	tain Shares (See Instructions) o
11.	Percent of Class Represented b 8.82%	by Amount in Row (9)	
12.	Type of Reporting Person (See IA	Instructions)	
		_	

Item 1.			
	(a)	Name of Issuer	
	,	Abiomed Inc.	
	(b)	Address of Issuer s Princi	pal Executive Offices
		22 Cherry Hill Drive, Dan	vers MA 01923
Item 2.			
	(a)	Name of Person Filing	
			tly filed by Macquarie Group Limited, Macquarie Bank Limited, Delaware
			c. and Delaware Management Business Trust.
	(b)	-	ness Office or, if none, Residence
			lress of Macquarie Group Limited and Macquarie Bank Limited is No.1 Martin
			Wales, Australia. The principal business address of Delaware Management
			re Management Business Trust is 2005 Market Street, Philadelphia, PA 19103.
	(c)	Citizenship	
			and Macquarie Bank Limited- Sydney, New South Wales, Australia
		Corporation	
		D-1 M	.ldi
		under the laws of the State	oldings Inc. and Delaware Management Business Trust incorporated or formed
	(d)	Title of Class of Securities	
	(u)	Common Stock	,
	(e)	CUSIP Number	
		002654100	
		003654100	
		003654100	
Item 3.	If this statement		3d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:
Item 3.	(a)		Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);
Item 3.	(a) (b)	is filed pursuant to §§240.1	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
Item 3.	(a) (b) (c)	is filed pursuant to §§240.1. 0 0 0	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
Item 3.	(a) (b)	is filed pursuant to §§240.1	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company
Item 3.	(a) (b) (c) (d)	is filed pursuant to §§240.1. o o o o	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
Item 3.	(a) (b) (c)	is filed pursuant to §§240.1. 0 0 0	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
Item 3.	(a) (b) (c) (d)	is filed pursuant to §§240.1. o o o o x	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
Item 3.	(a) (b) (c) (d)	is filed pursuant to §§240.1. o o o o x	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with
Item 3.	(a) (b) (c) (d) (e) (f)	is filed pursuant to §§240.1. o o o o x o	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);
Item 3.	(a) (b) (c) (d) (e) (f)	is filed pursuant to §§240.1. o o o o x o	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G); A savings association as defined in Section 3(b) of the Federal Deposit
Item 3.	(a) (b) (c) (d) (e) (f) (g) (h)	is filed pursuant to §§240.1. O O O X O X	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G); A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
Item 3.	(a) (b) (c) (d) (e) (f)	is filed pursuant to §§240.1. o o o o x o	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G); A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); A church plan that is excluded from the definition of an investment company
Item 3.	(a) (b) (c) (d) (e) (f) (g) (h)	is filed pursuant to §§240.1. O O O X O X	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G); A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); 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.
Item 3.	(a) (b) (c) (d) (e) (f) (g) (h) (i)	is filed pursuant to §§240.1. O O O O X O X O	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G); A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); 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);
Item 3.	(a) (b) (c) (d) (e) (f) (g) (h)	is filed pursuant to §§240.1. O O O X O X	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G); A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); 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); A non-U.S. institution in accordance with § 240.13d 1(b)(1)(ii)(J);
Item 3.	(a) (b) (c) (d) (e) (f) (g) (h) (i)	is filed pursuant to §§240.1. O O O O X O X O O	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G); A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); 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); 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.
Item 3.	(a) (b) (c) (d) (e) (f) (g) (h) (i)	is filed pursuant to §§240.1. O O O O X O X O	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G); A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); 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); A non-U.S. institution in accordance with § 240.13d 1(b)(1)(ii)(J);
Item 3.	(a) (b) (c) (d) (e) (f) (g) (h) (i)	is filed pursuant to §§240.1. O O O O X O X O O	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G); A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); 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); 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), please specify the type

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 vote

See 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 o.

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.

7

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

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Macquarie Group Limited February 10, 2012

Date

/s/ Gus Wong /s/ Heidi Mortensen Signature Signature

Gus Wong Heidi Mortensen Attorney-in-Fact Associate Director

Macquarie Bank Limited February 10, 2012

Date

/s/ Gus Wong
Signature
Signature
/s/ Heidi Mortensen
Signature

Gus Wong Heidi Mortensen Attorney-in-Fact Associate Director

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Delaware Management Holdings, Inc February 10, 2012

Date

/s/ Brian L. Murray Signature

Brian L. Murray Chief Compliance Officer

Delaware Management Business Trust February 10, 2012
Date