UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D. C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

January 25, 2005

Date of Report (date of earliest event reported)

Rambus Inc.

(Exact name of Registrant as specified in charter)

Delaware (State or other jurisdiction

of incorporation)

000-22339 (Commission File Number) 94-3112828 (I. R. S. Employer

Identification No.)

4440 El Camino Real, Los Altos CA 94022

(Address of principal executive offices)

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Registrant s telephone number, including area code: (650) 947-5000

N/A

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

" Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

" Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

" Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

" Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Section 8 Other Events

Item 8.01 Other Events

On January 25, 2005, Rambus Inc., issued a press release announcing that the company had filed a patent infringement suit in the U.S. District Court of the Northern District of California against use of the company s inventions by DDR2 and GDDRx products.

Section 9 Financial Statements and Exhibits

Item 9.01 Financial Statements and Exhibits

- (c) Exhibits
 - 99.1 Press Release dated January 25, 2005

Signature

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: January 25, 2005

Rambus Inc.

/s/ Robert K. Eulau

Robert K. Eulau, Senior Vice President, Finance and

Chief Financial Officer

Exhibit Index

Exhibit

Number Exhibit Title

99.1 Press release dated January 25, 2005.