

---

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**

Date of Report (Date of earliest event reported): March 13, 2006

**ResMed Inc.**

(Exact Name of Registrant as Specified in Charter)

**Delaware**  
(State or Other Jurisdiction of  
Incorporation)

**001-15317**  
(Commission  
File Number)

**98-0152841**  
(I.R.S. Employer  
Identification No.)

**14040 Danielson Street**  
**Poway, California 92064-6857**  
(Address of Principal Executive Offices)(Zip Code)

---

**(858) 746-2400**  
(Registrant's telephone number, including area code)

---

**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))
-

---

**Item 1.01 Entry into a Material Definitive Agreement.**

On March 13, 2006, our wholly-owned subsidiaries ResMed Corp., Servo Magnetics Inc. and ResMed EAP Holdings Inc. entered into a Second Amended and Restated Revolving Loan Agreement with Union Bank of California, N.A. as administrative agent for the Lenders (the "Loan Agreement"), that provides for a revolving loan of up to \$75 million. Draws under the revolving loans must be made before March 1, 2011, at which time all unpaid principal and interest under both loans must be repaid. The outstanding principal amount due under the loans will bear interest at a rate equal to LIBOR plus 0.75% to 1.00% (depending on the applicable leverage ratio). The current principal amount outstanding under the Loan Agreement is \$30 million.

The obligations of ResMed Corp., Servo Magnetics Inc. and ResMed EAP Holdings Inc. under the Loan Agreement are secured by substantially all of the personal property of each of ResMed Corp., Servo Magnetics Inc. and ResMed EAP Holdings Inc., and are guaranteed by ResMed Inc. under an Amended and Restated Continuing Guaranty and Pledge Agreement, which guaranty is secured by a pledge of the equity interests in ResMed Corp., Servo Magnetics Inc. and ResMed EAP Holdings Inc. held by ResMed Inc. The Loan Agreement also contains customary covenants, including certain financial covenants and an obligation that ResMed Inc maintain certain financial ratios, including a maximum ratio of total debt to EBITDA (as defined in the Loan Agreement), a fixed charge coverage ratio, a minimum tangible net worth, a minimum ResMed Corp., Servo Magnetics Inc. and ResMed EAP Holdings Inc. EBITDA and liquidity. The entire principal amount of the Loan and any accrued but unpaid interest may be declared immediately due and payable in the event of the occurrence of an event of default as defined in the Loan Agreement. Events of default include, among other items, failure to make payments when due, the occurrence of a material default in the performance of any covenants in the Loan Agreement or related document or a 35% or more change in control of ResMed Inc., ResMed Corp., Servo Magnetics Inc. or ResMed EAP Holdings Inc.

Copies of the Loan Agreement and related documents are attached as exhibits to this report, and the foregoing summary is qualified by reference to the full documents.

**Item 2.03 Creation of a Direct Financial Obligation.**

On March 13, 2006, our wholly-owned subsidiaries ResMed Corp., Servo Magnetics Inc. and ResMed EAP Holdings Inc. entered into the Loan Agreement described in Item 1.01 above, which descriptions are incorporated by reference into this Item 2.03. The obligations of ResMed Corp., Servo Magnetics Inc. and ResMed EAP Holdings Inc. are guaranteed by ResMed Inc. described in Item 1.01 above.

---

**SIGNATURES**

We have authorized the person whose signature appears below to sign this report on our behalf, in accordance with the Securities Exchange Act of 1934.

Date: March 17, 2006

**RESMED INC.**  
(registrant)

By: /s/ David Pendarvis  
Name: David Pendarvis  
Its: Global General Counsel, Senior Vice President Organizational Development  
and Corporate Secretary