

3,851,424

8. SHARED DISPOSITIVE POWER

0

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,851,424

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN
SHARES (SEE INSTRUCTIONS) []

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.1%

12. TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

IA

Item 1.

(a) Name of Issuer:

Tempur-Pedic International Inc.

(b) Address of Issuer's Principal Executive Offices:

1713 Jaggie Fox Way
Lexington, Kentucky 40511

Item 2.

(a) Name of Person Filing:

Munder Capital Management ("Munder")

(b) Address of Principal Business Office:

Munder Capital Center
480 Pierce Street
Birmingham, MI 48009

(c) Citizenship:

Munder is a general partnership formed under the laws of the State of Delaware

(d) Title of Class of Securities:

Common Stock

(e) CUSIP Number:

88023U101

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:

(e) [X] An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E);

Item 4. Ownership

(a) Amount Beneficially Owned:

3,851,424 shares (the "Common Stock")

(b) Percent of Class

5.1%

(c) Number of shares as to which such person has:

(i) sole power to vote or direct the vote:

3,487,994

(ii) shared power to vote or direct the vote:

0

(iii) sole power to dispose or to direct the disposition of:

3,851,424

(iv) shared power to dispose or 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 [].

Not Applicable.

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

While Munder is the beneficial owner of the shares of Common Stock of the Company, Munder is the beneficial owner of such stock on behalf of numerous clients who have the right to receive and the power to direct the receipt of dividends from, or the proceeds of the sale of, such Common Stock. No such client has the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, more than 5% of the Common Stock.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company

Not Applicable.

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

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.

February 11, 2008

MUNDER CAPITAL MANAGEMENT,
a Delaware general partnership

By: /s/ Mary Ann C. Shumaker

Its: Associate General Counsel