

MEDTRONIC INC  
Form S-8  
January 15, 2008

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

**FORM S-8  
(And Post-Effective Amendment to the First Registration Statement, Reg. No. 333-147399)  
REGISTRATION STATEMENT  
Under  
The Securities Act of 1933  
MEDTRONIC, INC.  
(Exact Name of Registrant as Specified in its Charter)**

**Minnesota**  
(State or Other  
Jurisdiction of Incorporation  
or Organization)

**41-0793183**  
(I.R.S. Employer  
Identification Number)

**World Headquarters  
710 Medtronic Parkway  
Minneapolis, Minnesota 55432**  
(Address of Principal Executive Office and Zip Code)  
**Medtronic, Inc. Kyphon Inc. 2002 Stock Plan**  
**(formerly the Kyphon Inc. 2002 Stock Plan)**  
(Full Title of the Plan)  
James Nathan Spolar, Esq.  
Senior Legal Counsel and Assistant Secretary  
Medtronic, Inc.  
World Headquarters  
710 Medtronic Parkway  
Minneapolis, Minnesota 55432  
(763) 514-4000

(Name, Address and Telephone Number, Including Area Code, of Agent for Service)

**CALCULATION OF REGISTRATION FEE**

<b>Title of Securities to be Registered (1)</b>	<b>Amount to be Registered (2)</b>	<b>Proposed Maximum Offering Price Per Share (3)</b>	<b>Proposed Maximum Aggregate Offering Price</b>	<b>Amount of Registration Fee</b>
Common Stock, \$0.10 par value	2,977,705 shares	\$49.85	\$148,438,594.25	\$5,833.64
<b>TOTAL:</b>				

(1) Amount to be registered consists of an additional 2,977,705 shares of common stock of Medtronic, Inc. to be issued pursuant to or as either stock options, restricted stock awards, restricted stock unit awards or other equity-based awards (together, the Awards ) pursuant to the Medtronic, Inc. Kyphon Inc. 2002 Stock Plan (the Plan ) (as adopted by the Registrant effective as of November 2, 2007 and amended effective as of December 13,

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2007) in connection with the merger of Kyphon Inc. with and into the Registrant pursuant to the July 26, 2007 Agreement and Plan of Merger among the Registrant, Jets Acquisition Corporation and Kyphon Inc. (the Merger Agreement ). This Registration Statement also constitutes a post-effective amendment to the First Registration Statement, Reg. No. 333-147399, for the purpose of registering an additional 2,977,705 shares under the Plan. A total of 3,890,000 shares were registered in the First Registration Statement, bringing the total number of shares registered under the Plan to 6,867,705 shares.

- (2) Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(h) under the Securities Act of 1933 (the Securities Act ).
  - (3) Based on the average of the high and low trading price of shares of Medtronic s common stock as reported on NYSE on January 14, 2008.
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**Explanatory Note**

On November 14, 2007, we filed a Registration Statement on Form S-8 (File No. 333-147399) (referred to in this document as, the First Registration Statement ) to register under the Securities Act of 1933, as amended, or, the Securities Act, 3,890,000 shares of common stock, par value \$0.10 per share, issuable by us under the Registrant s Medtronic, Inc. Kyphon Inc. 2002 Stock Plan, as amended (the "Medtronic, Inc. Kyphon Inc. 2002 Stock Plan").

Pursuant to General Instruction E on Form S-8, the contents of the Registrant s First Registration Statement on Form S-8, Reg. No. 333-147399, are incorporated herein by reference.

The purpose of this Registration Statement on Form S-8 is to register 2,977,705 additional shares for issuance under the Registrant s Medtronic, Inc. Kyphon Inc. 2002 Stock Plan

**PART II INFORMATION REQUIRED IN THE REGISTRATION STATEMENT**

**Item 8. Exhibits.**

The Exhibit Index preceding the exhibits is incorporated by reference herein.

<sup>1</sup> This Registration Statement also constitutes a post-effective amendment to the First Registration Statement, Reg. No. 333-147399, for the purpose of registering an additional 2,977,705 shares under the Registrant s Medtronic, Inc. Kyphon Inc. 2002 Stock Plan. A total of 3,890,000 shares were registered in the First Registration Statement, bringing the total number of shares registered under the Registrant s Medtronic, Inc. Kyphon Inc. 2002 Stock Plan to 6,867,705 shares.

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**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement on Form S-8 to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Minneapolis and State of Minnesota, on the 15<sup>th</sup> day of January, 2008.

MEDTRONIC, INC.  
(the Registrant )

By /s/ William A. Hawkins  
William A. Hawkins  
President and Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed below by the following persons in the capacities and on the 15<sup>th</sup> day of January, 2008.

By: /s/ William A. Hawkins  
William A. Hawkins  
President and Chief Executive Officer  
(principal executive officer)

By: /s/ Gary L. Ellis  
Gary L. Ellis  
Senior Vice President and Chief Financial Officer (principal financial and accounting officer)

Richard H. Anderson*	)	
David L. Calhoun*	)	
Arthur D. Collins, Jr.*	)	
William A. Hawkins*	)	
Shirley Ann Jackson, Ph.D.*	)	
James T. Lenehan*	)	Directors
Denise M. O Leary*	)	
Kendall J. Powell*	)	
Robert C. Pozen*	)	
Jean-Pierre Rosso*	)	
Jack W. Schuler*	)	

\* Terrance L. Carlson, by signing his name hereto, does hereby sign this document on behalf of each of the above named directors of the Registrant pursuant to powers of attorney duly executed by such persons on the 14th day of November, 2007, and filed as Exhibit 24.1 to the First Registration Statement, Reg. No. 333-147399, to which this document is a post-effective amendment.

By: /s/ Terrance L. Carlson  
Terrance L. Carlson  
Senior Vice President, General Counsel  
and Corporate Secretary, as



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MEDTRONIC, INC.  
Form S-8 Registration Statement  
EXHIBIT INDEX**

**Exhibit  
Number**

**Exhibit Description**

5.1	Opinion as to the legality of the issuance of the ordinary shares offered hereby
10.1	Addendum to Medtronic, Inc. Kyphon Inc. 2002 Stock Plan (Effective as of December 13, 2007)
23.1	Consent of independent registered public accounting firm
23.2	Consent of counsel (See Exhibit 5.1)