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(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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PATENT ONLYU.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Scandimed International AB

2-19-02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: November 2, 1999

2. Name and address of receiving party(ies)

Name: Diagnos Navigation and Treatment Scandinavia AB

Internal Address: \_\_\_\_\_

Street Address: Krossverksgatan 3City: Limhamn State: SE Zip: 216 16Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

6,254,553Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John C. Hilton

Internal Address: \_\_\_\_\_

McCormick, Paulding & Huber LLP(Our File No. 5839-01)Street Address: CityPlace II, 185 Asylum StreetCity: Hartford State: CT Zip: 061036. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

13-0235

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*John C. Hilton

Name of Person Signing

  
Signature
January 30, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 5

03/05/2002 LMUELLER 00000039 6254553

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Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231

PATENT  
 REEL: 012621 FRAME: 0329

Scandimed International AB, 556275-0256 ("Scandimed") and Diagnos Navigation and Treatment Scandinavia AB, 556563-3947 ("Diagnos") have this day entered into the following

## PURCHASE CONTRACT

### 1. Purchase object

Scandimed hereby sells to Diagnos all rights relating to the project specified in Appendix 1, hereinafter called "the Project" ) on the following terms and conditions.

The transfer of the Project includes all rights relating to the following patent registration applications:

Sweden	9701449-2
European Union	98 106 818.2
USA	09/061,547 7
Japan	10-109162

HC 0

The transfer of the Project furthermore includes all and any right to develop, sell, file further patent registrations applications, hold and protect patent registrations or otherwise use the Project or any other present or future rights or products relating to the Project.

### 2. Purchase sum

The purchase sum for the project is one hundred and seventy one thousand one hundred and thirty nine (171,139) SEK exclusive of VAT, if any. The purchase sum shall be paid by Diagnos to Scandimed upon the signing of this Agreement.

If Scandimed later will be ordered to pay VAT due to this transaction, Diagnos shall to Scandimed immediately thereafter pay an amount equivalent to such VAT in addition to the above mentioned purchase sum.

3. Ownership Responsibility

The ownership and responsibility of the Project is transferred to Diagnos when payment of the total amount, has been fully effected and received by Scandimed.

4. Warranty

The Project is sold "as is", i.e. Scandimed has no responsibility what so ever towards Diagnos, regarding any defaults concerning the Project or the use of the Project.

5. Application law, Arbitration

Swedish law shall be applied on any issue or dispute regarding this Contract.

Any dispute, controversy or claim arising out of or in connection with this Contract, or the breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the rules of the Arbitration Institute at the Stockholm Chamber of Commerce.

The place of arbitration shall be Malmö.

The language to be used in the arbitration proceedings shall be English.

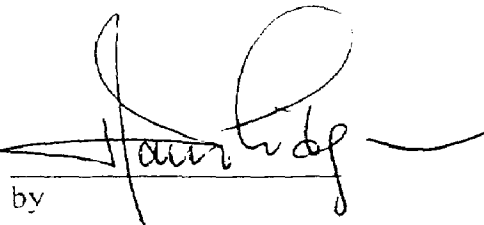
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This Contract has been drawn up in two copies, of which the parties have taken one each.

DATE: 2/11 1999

SCANDIMED INTERNATIONAL AB

DIAGNOS NAVIGATION AND  
TREATMENT SCANDINAVIA AB

by 

by 



US006254553B1

(12) **United States Patent**  
**Lidgren et al.**

(10) Patent No.: **US 6,254,553 B1**  
(45) Date of Patent: **\*Jul. 3, 2001**

(54) **METHOD FOR ULTRASONIC TREATMENT OF DISC DISEASE**

(75) Inventors: **Lars Lidgren, Lund; Björn Strömqvist, Bjärred; Johan Severson, Lund, all of (SE)**

(73) Assignee: **Scandimed International AB, Sjöbo (SE)**

(\*) Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/061,547**

(22) Filed: **Apr. 16, 1998**

(30) **Foreign Application Priority Data**

Apr. 18, 1997 (SE) ..... 9701449

(51) Int. Cl.<sup>7</sup> ..... **A61N 7/02**

(52) U.S. Cl. .... **601/3; 600/438; 600/439; 600/549**

(58) Field of Search ..... **601/2, 3; 600/639, 600/438, 549; 128/898; 607/96**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

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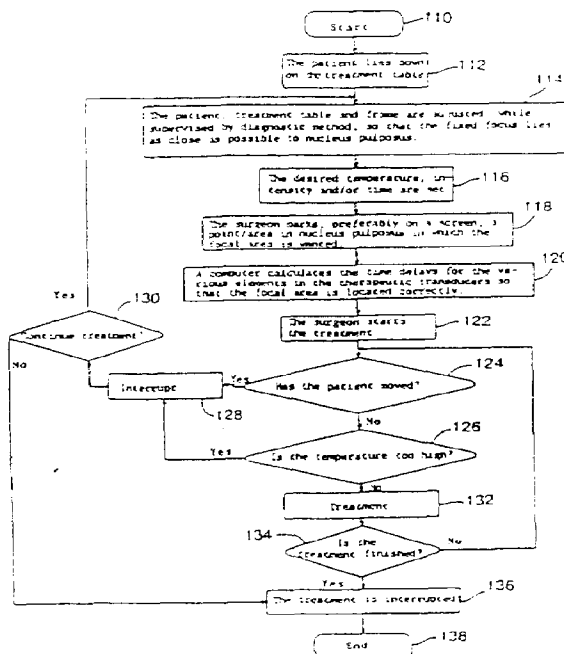
*Primary Examiner*—Ruth S. Smith

(74) *Attorney, Agent, or Firm*—McCormick, Paulding & Huber LLP

#### (57) **ABSTRACT**


The present invention relates to a device for non-invasive treatment of biological tissue, whereby the treatment aim at changing or degenerating said tissue. This device has a treatment transducer (2) comprising at least one ultrasonic transducer (3 and/or 4) which is provided to treat intervertebral discs (1), preferably nucleus pulposus (1a), by means of ultrasound, whereby the ultrasonic field of the ultrasonic transducer (3 and/or 4) is focused in said intervertebral disc (1), preferably in nucleus pulposus (1a), for heating the tissue therein, to such temperatures that the tissue in the focal area (5) degenerates, whereby the pressure in the intervertebral disc (1) and thus, the pressure against the spinal cord (6) is reduced.

**20 Claims, 4 Drawing Sheets**

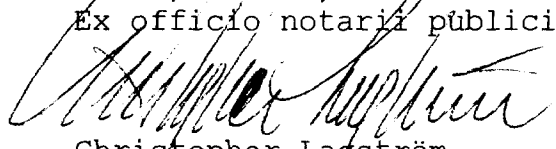


**PATENT**

**REEL: 012621 FRAME: 0332**



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Malmö, Sweden, this 26<sup>th</sup> day of November, 2001.  
Ex officio notarii publici:



Christopher Lagström  
Notary Public of Malmö, Sweden



Exp.no. 016281  
Fee SEK 200:-