

08-26-1998



MRD 8-11-98

To the Honorable Commissioner of Patents...

100803233

...and original documents or copy thereof.

1. Name of conveying party(ies):
Robert J. Tannhauser, Martin T. Zdanowicz
Himanshu Patel and Richard L. Dalrymple, Jr.
Additional name(s) of conveying party(ies) attached? yes no

2. Name and address of receiving party(ies):

Name: Ethicon, Inc.

Internal Address: _____

Street Address: Route 22 West

City Somerville State NJ Zip 08876

Additional name(s) & address(es) attached? Yes No

U.S. PTO
09/13/1983
08/11/98

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Merger
- Change of Name
- Other _____

Execution Date: August 4th, July 31st, July 30th, June 22, 1998,
respectively

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: August 4th, July 31st, July 30th, June 22, 1998, respectively

A. Patent Application No.(s)

B. Patent No.(s)

09/131983

Additional numbers attached? Yes No

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

Name: RALPH W. SELITTO, JR.

Internal Address: _____

Street Address: P.O. BOX 1477

City: EDISON State: NEW JERSEY Zip: 08818

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): - - - - - \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: _____

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

DO NOT USE THIS SPACE

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.

RALPH W. SELITTO, JR.

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 6

08/18/1998 PSTANDAC 0000042 09131983

02 EC1501

40.00 DP

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PATENT

REEL: 9397 FRAME: 0166

ASSIGNMENT

Serial No.
Filed

WHEREAS, ROBERT J. TANNHAUSER, a citizen of the United States of America, residing at 265 Holland Court, Bridgewater, New Jersey 08807; MARTIN T. ZDANOWICZ, a citizen of the United States of America, residing at #4 Pidcock Lane, Box #4, Washington Crossing, Pennsylvania 18977; HIMANSHU PATEL, a citizen of the United Kingdom, residing at 1114 Nevada Avenue, San Jose, California 95125; and RICHARD L. DALRYMPLE, JR., a citizen of the United States of America, residing at 298 Lincoln Street, Phillipsburg, New Jersey 08865 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to a SWAGING APPARATUS FOR SURGICAL NEEDLES for which a U.S. patent application has been executed by each of us concurrently herewith; and

WHEREAS, ETHICON, INC., a corporation formed under the laws of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns.

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 4th day of August, 1998.


ROBERT J. TANNHAUSER

STATE OF New Jersey
COUNTY OF Somerset

BE IT REMEMBERED, that on this 4th day of August, 1998, before me, a Notary Public, personally appeared Robert J. Tannhauser, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.


Notary Public

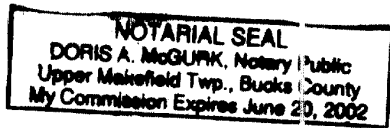
NAZIRA BHAYANI-DADA
Notary Public of New Jersey
My Commission Expires March 28, 2001

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal
this 31 day of July, 1998.

Martin T. Zdanowicz
MARTIN T. ZDANOWICZ

STATE OF PENNSYLVANIA
COUNTY OF Bucks

BE IT REMEMBERED, that on this 31st day of July, 1998,
before me, a Notary Public, personally appeared Martin T. Zdanowicz, who I am satisfied
is the person named in and who executed the foregoing instrument in my presence, and
I having first made known to him the contents thereof, he did acknowledge that he signed,
sealed, and delivered the same as his voluntary act and deed for the uses and purposes
therein expressed.



Doris A. McGurk
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal
this 30th day of July, 1998.

Himanshu Patel
HIMANSHU PATEL

STATE OF
COUNTY OF

BE IT REMEMBERED, that on this _____ day of _____, 1998,
before me, a Notary Public, personally appeared Himanshu Patel, who I am satisfied is the
person named in and who executed the foregoing instrument in my presence, and I having
first made known to him the contents thereof, he did acknowledge that he signed, sealed,
and delivered the same as his voluntary act and deed for the uses and purposes therein
expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal
this day of *June 22nd*, 1998.

Richard L. Dalrymple, Jr.
RICHARD L. DALRYMPLE, JR.

STATE OF *New Jersey*
COUNTY OF *Somerset*

ROBERT J. TANNHAUSER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Oct. 18, 1999

BE IT REMEMBERED, that on this *22nd* day of *June*, 1998,
before me, a Notary Public, personally appeared Richard L. Dalrymple, Jr., who I am
satisfied is the person named in and who executed the foregoing instrument in my
presence, and I having first made known to him the contents thereof, he did acknowledge
that he signed, sealed, and delivered the same as his voluntary act and deed for the uses
and purposes therein expressed.

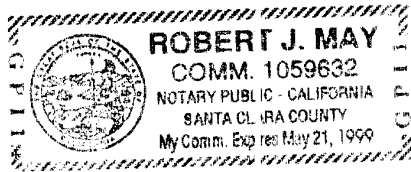
Robert J. Tannhauser
Notary Public

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California }
County of Santa Clara } SS

On 7/30/98, before me Robert J. May, Notary Public
Date Name and Title of Officer (e.g. "Jane Doe, Notary Public")
personally appeared H. Manshu N. Patel
Name(s) of Signer(s)

personally known to me
 approved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Place Notary Seal Above

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Assignment

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

- Signer's Name: _____
- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER

Top of thumb here: