

Client Code: EKOS.025DV2DV

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>(1) Robert L. Wilcox (2) Curtis Genstler (3) Tim Abrahamson (4) Wm. Gerrit Barrere (5) Amy Cohen (6) George Keilman (7) Leonard R. Oliver (8) Natalya Peskin (9) Richard R. Wilson</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p><b>Name:</b> EKOS Corporation <b>Street Address:</b> 11911 North Creek Parkway South</p> <p><b>City:</b> Bothell <b>State:</b> Washington <b>ZIP:</b> 98011</p> <p>Additional name(s) of receiving party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>(1) 07/01/03 (2) 06/02/03 (3) 03/17/03 (4) 07/14/03 (5) 06/10/03 (6) 06/20/03 (7) 06/10/03 (8) 06/18/03 (9) 03/17/03</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p><input checked="" type="checkbox"/> Patent Application No.: 12/762,254 Filing Date: April 16, 2010</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p><b>Customer No.</b> 20,995 <b>Address:</b> Knobbe, Martens, Olson &amp; Bear, LLP 2040 Main Street, 14<sup>th</sup> Floor Irvine, CA 92614 <b>Return Fax:</b> (949) 760-9502 <b>Attorney's Docket No.:</b> EKOS.025DV2DV</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p><input checked="" type="checkbox"/> Enclosed</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>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.</p> <p><u>Agnes Juang, Ph.D.</u> / <u>Agnes Juang/</u> <u>March 27, 2012</u> Name of Person Signing Signature Date 55,310 Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 43</p>	

Documents transmitted via Mail to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Director, U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

13016862/ 032712

700482961

**PATENT**  
**REEL: 027960 FRAME: 0730**

CH \$40.00 111410 12762254

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 1

ASSIGNMENT

WHEREAS, We, Robert L. Wilcox, a United States citizen, residing at 9213 NE 151<sup>st</sup> Street, Bothell, WA 98011 Curtis Genstler, a United States citizen, residing at 17221 Butler Road, Snohomish, WA 98290; Tim Abrahamson, a United States Citizen, residing at 8027 South 134<sup>th</sup> street, Seattle, WA 98178; Wm. Gerrit Barrere, a United States citizen, residing at 16614 32<sup>nd</sup> Avenue NE, Lake Forest Park, WA 98155; Amy Cohen, a United States citizen, residing at 430 73<sup>rd</sup> Street NE, Seattle, WA 98115; George Keilman, a United States citizen, residing at 20018 163<sup>rd</sup> Avenue NE, Woodinville, WA 98072; Leonard R. Oliver, a United States citizen, residing at 4824 156<sup>th</sup> Place, SE, Edmonds, WA 98026, Natalya Peskin, a United States citizen, residing at 14105 NE 72<sup>nd</sup> Place, Redmond, WA 98052 and Richard R. Wilson, a United States citizen, residing at 11035 26<sup>th</sup> Avenue SW, Seattle, WA 98146 have invented certain new and useful improvements in a CATHETER WITH MULTIPLE ULTRASOUND RADIATING MEMBERS for which we have filed an application for Letters Patent in the United States, 10/309,388, filed December 3, 2002.

AND WHEREAS, EKOS CORPORATION (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 22030 20th Avenue SE, Suite 101, Bothell, Washington 98021, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this

17 day of July, 2003  
*Robert L. Wilcox*

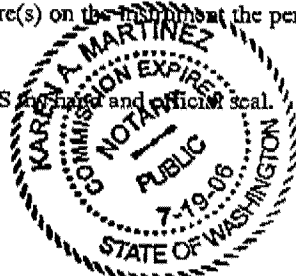
Robert L. Wilcox

STATE OF Washington }  
COUNTY OF Snohomish } ss.

On July 1 2003, before me, Robert Wilcox, personally appeared Robert L. Wilcox personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]



Karen A. Martinez

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 2

Notary Signature  
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Curtis Genstler

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Curtis Genstler personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Tim Abrahamson

TATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Tim Abrahamson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 3

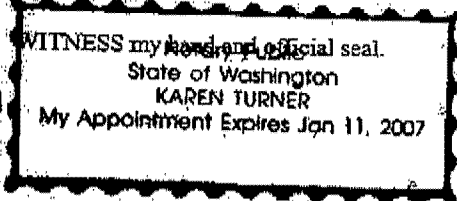
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of July, 2003

Wm Gerrit Barrere  
Wm. Gerrit Barrere

State  
TATE OF Washington  
COUNTY OF King

ss. Karen Turner

On 7-14-2003, before me, Wm Gerrit Barrere, personally appeared Wm. Gerrit Barrere personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Karen Turner  
Notary Signature  
EXPIRES - 1-11-2007

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Amy Cohen

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Amy Cohen personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page: 4

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
George Keilman

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared George Keilman personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Leonard R. Oliver

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Leonard R. Oliver personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature



Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 5

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Natalya Peskin

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Natalya Peskin personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Richard R. Wilson

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Richard R. Wilson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

H:\DOCS\RN\NRNN-6032.DOC  
030403

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 1

ASSIGNMENT

WHEREAS, We, Robert L. Wilcox, a United States citizen, residing at 9213 NE 151<sup>st</sup> Street, Bothell, WA 98011 Curtis Genstler, a United States citizen, residing at 17221 Butler Road, Snohomish, WA 98290; Tim Abrahamson, a United States Citizen, residing at 8027 South 134<sup>th</sup> street, Seattle, WA 98178; Gerrit Barrere, a United States citizen, residing at 16614 32<sup>nd</sup> Avenue NE, Lake Forest Park, WA 98155; Amy Cohen, a United States citizen, residing at 430 73<sup>rd</sup> Street NE, Seattle, WA 98115; George Keilman, a United States citizen, residing at 20018 163<sup>rd</sup> Avenue NE, Woodinville, WA 98072; Leonard R. Oliver, a United States citizen, residing at 4824 156<sup>th</sup> Place, SE, Edmonds, WA 98026, Natalya Peskin, a United States citizen, residing at 14105 NE 72<sup>nd</sup> Place, Redmond, WA 98052 and Richard R. Wilson, a United States citizen, residing at 11035 26<sup>th</sup> Avenue SW, Seattle, WA 98146 have invented certain new and useful improvements in a CATHETER WITH MULTIPLE ULTRASOUND RADIATING MEMBERS for which we have filed an application for Letters Patent in the United States, 10/309,388, filed December 3, 2002.

AND WHEREAS, EKOS CORPORATION (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 22030 20th Avenue SE, Suite 101, Bothell, Washington 98021, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Robert L. Wilcox

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Robert L. Wilcox personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_



Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 2

Notary Signature  
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Curtis Genstler

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Curtis Genstler personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17 day of MARCH, 2003

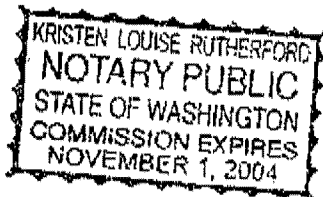
Tim Abrahamson  
Tim Abrahamson

STATE OF Washington }  
COUNTY OF Snohomish } ss.

On 3.17.03, before me, Tim Abrahamson, personally appeared Tim Abrahamson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]



Kristen Louise Rutherford  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

**PATENT**  
Client Code: EKOS.025A  
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Gerrit Barrere

TATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gerrit Barrere personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Amy Cohen

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Amy Cohen personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 4

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
George Keilman

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared George Keilman personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Leonard R. Oliver

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Leonard R. Oliver personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 5

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
Natalya Peskin

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Natalya Peskin personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
Richard R. Wilson

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Richard R. Wilson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

H:\DOCS\RN\RN-6032.DOC  
030403

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 1

ASSIGNMENT

WHEREAS, We, Robert L. Wilcox, a United States citizen, residing at 9213 NE 151<sup>st</sup> Street, Bothell, WA 98011  
Curtis Genstler, a United States citizen, residing at 17221 Butler Road, Snohomish, WA 98290; Tim Abrahamson, a United  
States Citizen, residing at 8027 South 134<sup>th</sup> street, Seattle, WA 98178; Gerrit Barrere, a United States citizen, residing at  
16614 32<sup>nd</sup> Avenue NE, Lake Forest Park, WA 98155; Amy Cohen, a United States citizen, residing at 430 73<sup>rd</sup> Street NE,  
Seattle, WA 98115; George Keilman, a United States citizen, residing at 20018 163<sup>rd</sup> Avenue NE, Woodinville, WA 98072;  
Leonard R. Oliver, a United States citizen, residing at 4824 156<sup>th</sup> Place, SE, Edmonds, WA 98026, Natalya Peskin, a United  
States citizen, residing at 14105 NE 72<sup>nd</sup> Place, Redmond, WA 98052 and Richard R. Wilson, a United States citizen,  
residing at 11035 26<sup>th</sup> Avenue SW, Seattle, WA 98146 have invented certain new and useful improvements in a  
CATHETER WITH MULTIPLE ULTRASOUND RADIATING MEMBERS for which we have filed an application for  
Letters Patent in the United States, 10/309,388, filed December 3, 2002.

AND WHEREAS, EKOS CORPORATION (hereinafter "ASSIGNEE"), a Delaware Corporation, with its  
principal place of business at 22030 20th Avenue SE, Suite 101, Bothell, Washington 98021, desires to acquire the entire  
right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and  
valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we  
have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said  
ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to  
and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions,  
renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues  
and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which  
may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent  
which may be granted for said improvements in any country or countries foreign to the United States and all extensions,  
renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and  
any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as  
aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and  
assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal  
representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all  
lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything  
possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent  
protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7<sup>th</sup> day of July, 2003

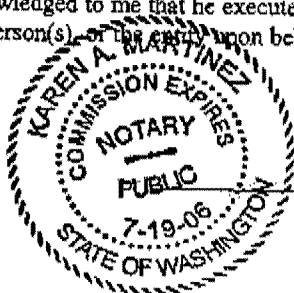
Robert L. Wilcox  
Robert L. Wilcox

STATE OF Washington }  
COUNTY OF Snohomish } ss.

On June 2, 2003, before me, Robert L. Wilcox, personally appeared Robert L. Wilcox  
personally known to me (or proved 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 executed the same in his authorized capacity(ies), and  
that by his 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.

(SEAL)



Karen A. Martinez

Application No.: 10/309,388  
Filing Date: December 3, 2002

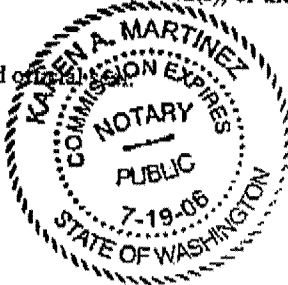
PATENT  
Client Code: EKOS.025A  
Page 2

Notary Signature  
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of June, 2003  
Curtis Genstler  
Curtis Genstler

STATE OF Washington }  
COUNTY OF Snohomish } ss.

On June 2, 2003, before me, Curtis Genstler, personally appeared Curtis Genstler personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.  
[SEAL]



Karen A. Martinez  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Tim Abrahamson

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Tim Abrahamson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.  
[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Gerrit Barrere

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gerrit Barrere personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Amy Cohen

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Amy Cohen personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

**PATENT**  
Client Code: EKOS.025A  
Page 4

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
George Keilman

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared George Keilman personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Leonard R. Oliver

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Leonard R. Oliver personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature



Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 5

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Natalya Peskin

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Natalya Peskin personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Richard R. Wilson

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Richard R. Wilson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

H:\DOCS\RNN\RNN-6032.DOC  
030403

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 1

ASSIGNMENT

WHEREAS, We, Robert L. Wilcox, a United States citizen, residing at 9213 NE 151<sup>st</sup> Street, Bothell, WA 98011  
Curtis Genstler, a United States citizen, residing at 17221 Butler Road, Snohomish, WA 98290; Tim Abrahamson, a United States Citizen, residing at 8027 South 134<sup>th</sup> street, Seattle, WA 98178; Gerrit Barrers, a United States citizen, residing at 16614 32<sup>nd</sup> Avenue NE, Lake Forest Park, WA 98155; Amy Cohen, a United States citizen, residing at ~~430-73<sup>rd</sup> Street NE~~, Seattle, WA 98112; George Keilman, a United States citizen, residing at 20018 163<sup>rd</sup> Avenue NE, Woodinville, WA 98072; Leonard R. Oliver, a United States citizen, residing at 4824 156<sup>th</sup> Place, SE, Edmonds, WA 98026, Natalya Peskin, a United States citizen, residing at 14105 NE 72<sup>nd</sup> Place, Redmond, WA 98052 and Richard R. Wilson, a United States citizen, residing at 11035 26<sup>th</sup> Avenue SW, Seattle, WA 98146 have invented certain new and useful improvements in a CATHETER WITH MULTIPLE ULTRASOUND RADIATING MEMBERS for which we have filed an application for Letters Patent in the United States, 10/309,388, filed December 3, 2002.

9/31 NW 62nd St.  
Ac 6/10/03

AND WHEREAS, EKOS CORPORATION (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 22030 20th Avenue SE, Suite 101, Bothell, Washington 98021, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Robert L. Wilcox

STATE OF

COUNTY OF

} ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Robert L. Wilcox personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

Application No.: 10/309,388  
Filing Date: December 3, 2002

**PATENT**  
Client Code: EKOS.025A  
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Notary Signature

\_\_\_\_\_  
Curtis Genstler

STATE OF }  
COUNTY OF } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Curtis Genstler personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Tim Abrahamson

TATE OF }  
COUNTY OF } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Tim Abrahamson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Gerrit Barrere

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gerrit Barrere personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10<sup>th</sup> day of June, 2003

Amy M. Cohen  
Amy Cohen

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Amy Cohen personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 4

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
George Keilman

STATE OF \_\_\_\_\_ }  
                                  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared George Keilman personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Leonard R. Oliver

STATE OF \_\_\_\_\_ }  
                                  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Leonard R. Oliver personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 5

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Natalya Peskin

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Natalya Peskin personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Richard R. Wilson

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Richard R. Wilson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 1

ASSIGNMENT

WHEREAS, We, Robert L. Wilcox, a United States citizen, residing at 9213 NE 151<sup>st</sup> Street; Bothell, WA 98011 Curtis Gensler, a United States citizen, residing at 17221 Butler Road, Snohomish, WA 98290; Tim Abrahamson, a United States Citizen, residing at 8027 South 134<sup>th</sup> street, Seattle, WA 98178; Gerrit Barrere, a United States citizen, residing at 16614 32<sup>nd</sup> Avenue NE, Lake Forest Park, WA 98155; Amy Cohen, a United States citizen, residing at 430 73<sup>rd</sup> Street NE, Seattle, WA 98115; George Keilman, a United States citizen, residing at 20018 163<sup>rd</sup> Avenue NE, Woodinville, WA 98072; Leonard R. Oliver, a United States citizen, residing at 4824 156<sup>th</sup> Place, SE, Edmonds, WA 98026, Natalya Peskin, a United States citizen, residing at 14105 NE 72<sup>nd</sup> Place, Redmond, WA 98052 and Richard R. Wilson, a United States citizen, residing at 11035 26<sup>th</sup> Avenue SW, Seattle, WA 98146 have invented certain new and useful improvements in a CATHETER WITH MULTIPLE ULTRASOUND RADIATING MEMBERS for which we have filed an application for Letters Patent in the United States, 10/309,388, filed December 3, 2002.

AND WHEREAS, EKOS CORPORATION (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 22030 20th Avenue SE, Suite 101, Bothell, Washington 98021, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Robert L. Wilcox

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Robert L. Wilcox personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 2

Notary Signature  
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Curtis Genstler

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Curtis Genstler personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Tim Abrahamson

TATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Tim Abrahamson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature



Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Gerrit Barrere

TATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gerrit Barrere personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Amy Cohen

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Amy Cohen personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

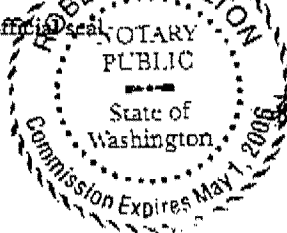
PATENT  
Client Code: EKOS.025A  
Page 4

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20<sup>th</sup> day of June, 2002.

George Keilman  
George Keilman

STATE OF Washington }  
COUNTY OF King } ss.

On 6/20/02, before me, Robert A. Milton, personally appeared George Keilman personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.  
[SEAL]  Robert A. Milton  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Leonard R. Oliver

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Leonard R. Oliver personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.  
[SEAL] \_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

**PATENT**  
Client Code: EKOS.025A  
Page 5

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Natalya Peskin

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_ personally appeared Natalya Peskin personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Richard R. Wilson

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_ personally appeared Richard R. Wilson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

H:\DOCS\VRNN\VRNN-6032.DOC  
030403

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 1

ASSIGNMENT

WHEREAS, We, Robert L. Wilcox, a United States citizen, residing at 9213 NE 151<sup>st</sup> Street, Bothell, WA 98011  
Curtis Genstler, a United States citizen, residing at 17221 Butler Road, Snohomish, WA 98290; Tim Abrahamson, a United States Citizen, residing at 8027 South 134<sup>th</sup> street, Seattle, WA 98178; Gerrit Barrere, a United States citizen, residing at 16614 32<sup>nd</sup> Avenue NE, Lake Forest Park, WA 98155; Amy Cohen, a United States citizen, residing at 430 73<sup>rd</sup> Street NE, Seattle, WA 98115; George Keilman, a United States citizen, residing at 20018 163<sup>rd</sup> Avenue NE, Woodinville, WA 98072; Leonard R. Oliver, a United States citizen, residing at 4824 156<sup>th</sup> Place, SE, Edmonds, WA 98026, Natalya Peskin, a United States citizen, residing at 14105 NE 72<sup>nd</sup> Place, Redmond, WA 98052 and Richard R. Wilson, a United States citizen, residing at 11035 26<sup>th</sup> Avenue SW, Seattle, WA 98146 have invented certain new and useful improvements in a CATHETER WITH MULTIPLE ULTRASOUND RADIATING MEMBERS for which we have filed an application for Letters Patent in the United States, 10/309,388, filed December 3, 2002.

AND WHEREAS, EKOS CORPORATION (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 22030 20th Avenue SE, Suite 101, Bothell, Washington 98021, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Robert L. Wilcox

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Robert L. Wilcox personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his signaturc(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.

[SEAL]

\_\_\_\_\_

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 2

Notary Signature  
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Curtis Genstler

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Curtis Genstler personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Tim Abrahamson

TATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Tim Abrahamson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No: 10/309,388  
Filing Date: December 3, 2002

**PATENT**  
Client Code: EKOS.025A  
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Gerrit Barrere

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gerrit Barrere personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Amy Cohen

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Amy Cohen personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 4

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

George Keilman

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On 10<sup>th</sup> June 2003, before me, Jamie Dinsmore, personally appeared George Keilman personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

[SEAL] WITNESS my hand and official seal.  
Notary Public  
State of Washington  
JAMIE E. DINSMORE  
My Appointment Expires Aug 30, 2006

Jamie Dinsmore  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10<sup>th</sup> day of June, 2003

Leonard R. Oliver  
Leonard R. Oliver

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Leonard R. Oliver personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.  
[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 5

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Natalya Peskin

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Natalya Peskin personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Richard R. Wilson

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Richard R. Wilson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

H:\DOCS\RN\RN-6032.DOC  
030403



Application No.: 10/309,388  
Filing Date: December 3, 2002

**PATENT**  
Client Code: EKOS.025A  
Page 1

**ASSIGNMENT**

WHEREAS, We, Robert L. Wilcox, a United States citizen, residing at 9213 NE 151<sup>st</sup> Street, Bothell, WA 98011  
Curtis Genstler, a United States citizen, residing at 17221 Butler Road, Snohomish, WA 98290; Tim Abrahamson, a United States Citizen, residing at 8027 South 134<sup>th</sup> street, Seattle, WA 98178; Gerrit Barrere, a United States citizen, residing at 16614 32<sup>nd</sup> Avenue NE, Lake Forest Park, WA 98155; Amy Cohen, a United States citizen, residing at 430 73<sup>rd</sup> Street NE, Seattle, WA 98115; George Keilman, a United States citizen, residing at 20018 163<sup>rd</sup> Avenue NE, Woodinville, WA 98072; Leonard R. Oliver, a United States citizen, residing at 4824 156<sup>th</sup> Place, SE, Edmonds, WA 98026, Natalya Peskin, a United States citizen, residing at 14105 NE 72<sup>nd</sup> Place, Redmond, WA 98052 and Richard R. Wilson, a United States citizen, residing at 11035 26<sup>th</sup> Avenue SW, Seattle, WA 98146 have invented certain new and useful improvements in a CATHETER WITH MULTIPLE ULTRASOUND RADIATING MEMBERS for which we have filed an application for Letters Patent in the United States, 10/309,388, filed December 3, 2002.

AND WHEREAS, EKOS CORPORATION (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 22030 20th Avenue SE, Suite 101, Bothell, Washington 98021, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Robert L. Wilcox

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Robert L. Wilcox personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

{SEAL}

Application No.: 10/309,388  
Filing Date: December 3, 2002

**PATENT**  
Client Code: EKOS.025A  
Page 2

Notary Signature  
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Curtis Genstler

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Curtis Genstler personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Tim Abrahamson

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Tim Abrahamson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

**PATENT**  
Client Code: EKOS.025A  
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Gerrit Barrere

STATE OF

COUNTY OF

} ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gerrit Barrere personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Amy Cohen

STATE OF

COUNTY OF

} ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Amy Cohen personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 4

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

George Keilman

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared George Keilman personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Leonard R. Oliver

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Leonard R. Oliver personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

Notary Signature

Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS.025A  
Page 5

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18 day of JUNE, 2003

Natalya Peskin  
Natalya Peskin

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On June 18 2003 before me, Natalya Peskin, personally appeared Natalya Peskin personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.



Cynthia O'Neill  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18th day of June, 2003

Richard R. Wilson

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Richard R. Wilson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature



Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
Client Code: EKOS,025A  
Page 1

ASSIGNMENT

WHEREAS, We, Robert L. Wilcox, a United States citizen, residing at 9213 NE 151<sup>st</sup> Street, Bothell, WA 98011 Curtis Genstler, a United States citizen, residing at 17221 Butler Road, Snohomish, WA 98290; Tim Abrahamson, a United States Citizen, residing at 8027 South 134<sup>th</sup> street, Seattle, WA 98178; Gerrit Barrere, a United States citizen, residing at 16614 32<sup>nd</sup> Avenue NE, Lake Forest Park, WA 98155; Amy Cohen, a United States citizen, residing at 430 73<sup>rd</sup> Street NE, Seattle, WA 98115; George Keilman, a United States citizen, residing at 20018 163<sup>rd</sup> Avenue NE, Woodinville, WA 98072; Leonard R. Oliver, a United States citizen, residing at 4824 156<sup>th</sup> Place, SE, Edmonds, WA 98026, Natalya Peskin, a United States citizen, residing at 14105 NE 72<sup>nd</sup> Place, Redmond, WA 98052 and Richard R. Wilson, a United States citizen, residing at 11035 26<sup>th</sup> Avenue SW, Seattle, WA 98146 have invented certain new and useful improvements in a CATHETER WITH MULTIPLE ULTRASOUND RADIATING MEMBERS for which we have filed an application for Letters Patent in the United States, 10/309,388, filed December 3, 2002.

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NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hercunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Robert L. Wilcox

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Robert L. Wilcox personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_

Application No.: 10/309,388  
Filing Date: December 3, 2002

**PATENT**  
Client Code: EKOS.025A  
Page 2

Notary Signature  
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

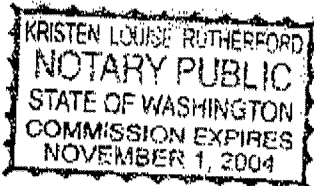
Curtis Genstler  
Curtis Genstler

STATE OF Washington }  
COUNTY OF Snohomish } ss.

On 3-17-03, before me, Curtis Genstler, personally appeared Curtis Genstler personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]



Kristen Louise Rutherford  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Tim Abrahamson

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Tim Abrahamson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature



Application No.: 10/309,388  
Filing Date: December 3, 2002

PATENT  
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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Gerrit Barrere

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Gerrit Barrere personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Amy Cohen

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Amy Cohen personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

George Keilman

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared George Keilman personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Leonard R. Oliver

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Leonard R. Oliver personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]

Notary Signature

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Natalya Peskin

STATE OF \_\_\_\_\_ }  
  } ss.  
COUNTY OF \_\_\_\_\_ }

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Natalya Peskin personally known to me (or proved 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 she executed the same in his authorized capacity(ies), and that by her 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.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17 day of MARCH, 2003.

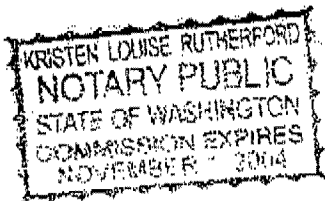
[Signature]  
Richard R. Wilson

STATE OF Washington }  
  } ss.  
COUNTY OF Shannon }

On 3-17-03, before me, Richard Wilson, personally appeared Richard R. Wilson personally known to me (or proved 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]



[Signature]  
Notary Signature

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