


Client Code: EKOS.170A

**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) Douglas R. Hansmann (2) Robert L. Wilcox, (3) Peter R. Rule, (4) Francisco S. Villar</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>() Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: EKOS Corporation Street Address: 22030 - 20th Avenue SE Suite 101 City: Bothell State: WA ZIP: 98021</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p>() Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment () Security Agreement () Merger () Change of Name () Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>(1) 5/16/05, (2) 5/16/05, (3) 5/17/05, (4) 5/5/05</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 11/047,363 Filing Date: January 31, 2005</p> <p>Additional numbers attached?</p> <p>() Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: EKOS.170A</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Authorized to be charged to deposit account</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>Kyle F. Schlueter</u> Name of Person Signing</p> <p><u></u> Signature</p> <p><u>6 jun 05</u> Date</p> <p>54,912 Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 4</p>	

Documents transmitted via Facsimile 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
Facsimile Number: (703) 306-5995

1749064/060605

700185319

PATENT
REEL: 016306 FRAME: 0212

CH \$40.00 111410 11047363

Application No.: 11/047,363
Filing Date: January 31, 2005

PATENT
Client Code: EKOS.170A
Page 1

ASSIGNMENT

WHEREAS, We, Douglas R. Hansmann, a United States citizen, residing at 5008 Rockaway Beach Road NE, Bainbridge Island, WA 98110; and Robert L. Wilcox, a United States citizen, residing at 9213 NE 151st Street, Bothell, WA 98011; and Peter R. Rule, a United States citizen, residing at 24183 East Hillview Road, Los Altos, CA 94024, and Francisco S. Villar, a Filipino citizen, residing at 30340 Meridien Circle, Union City, CA 94587, have invented certain new and useful improvements in a METHOD AND APPARATUS FOR DETECTING VASCULAR CONDITIONS WITH A CATHETER for which we have filed an application for Letters Patent in the United States, Application No. 11/047,363, filed on January 31, 2005;

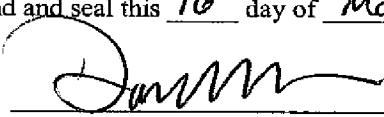
AND WHEREAS, EKOS Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 22030 - 20th Avenue SE, Suite 101, Bothell, WA 98021, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

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 DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

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 16th day of May, 2005



Douglas R. Hansmann

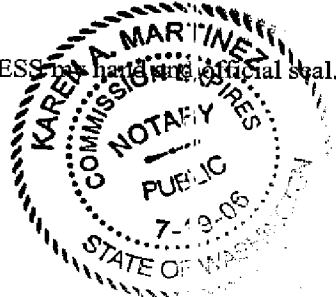
STATE OF Washington }
COUNTY OF Snohomish } ss.

Douglas R. Hansmann

On May 16 2005, before me, ~~Kathleen A. Allen~~, personally appeared Douglas R. Hansmann 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.

Application No.: 11/047,363
Filing Date: January 31, 2005

PATENT
Client Code: EKOS.170A
Page 2

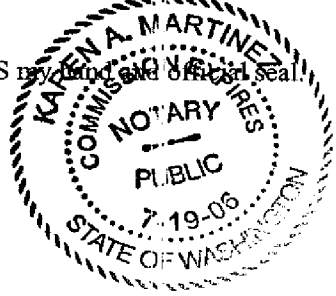
WITNESS my hand and official seal.
[SEAL] 

Karen A. Martinez
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16 day of May, 2005
Robert L. Wilcox
Robert L. Wilcox

STATE OF Washington }
COUNTY OF Shannonish } ss.

On May 16 2005, before me, Karen A. Martinez, 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.

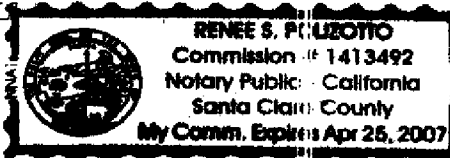
WITNESS my hand and official seal.
[SEAL] 

Karen A. Martinez
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17th day of May, 2005
Peter R. Rule
Peter R. Rule

STATE OF California }
COUNTY OF Santa Clara } ss.

On May 17, 2005, before me, Peter R. Rule, personally appeared Peter R. Rule 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] 

Renee S. Polyzotto
Notary Signature

Application No.: 11/047,363
Filing Date: January 31, 2005

PATENT
Client Code: EKOS.170A
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5 day of May, 2005

Francisco S. Villar

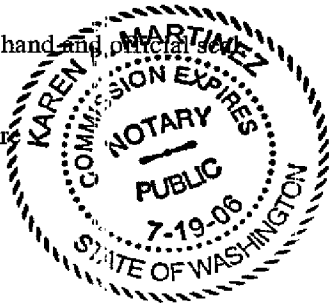
STATE OF Washington }
COUNTY OF Snohomish } ss.

On May 16, 2005, before me, Karen A. Martinez, personally appeared Francisco S. Villar 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



Karen A. Martinez

1611513
041405