## PATENT ASSIGNMENT

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PART	TY DATA				
Name				Execution Date	
Ghassan S. Kassa	b			05/14/2004	
Hans Gregersen				05/14/2004	
Mohamed R. Mohaved				05/19/2004	
RECEIVING PART	Y DATA				
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City:		NEWPORT COAST			
State/Country:		CALIFORNIA			
Postal Code:	92657				
		13329990			
Property Type 133		133299	Number 13329990		
Application Number: 1337		133725	73		
CORRESPONDEN	CE DATA				
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ATTORNEY DOCKET NUMBER:			P01568US19AND20		
NAME OF SUBMITTER:			Mark C. Reichel		
Signature:			/Mark C. Reichel/	PATENT	
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Date:	05/10/2013			
Total Attachments: 2 source=P01568US01ElectroCatAssignment#page1.tif source=P01568US01ElectroCatAssignment#page2.tif				

10/782,149 Filing Date: 02/19/04



PATENT Client Code: KASSAB.003A Page 1

## ASSIGNMENT

WHEREAS, We, Ghassan S. Kassab, a United States citizen, residing at 4 Limoges, Newport Coast, CA 92657, Hans Gregersen, a citizen of Denmark, residing at Aagaard Vej 1, DK-8543 Hornslet, Denmark, and Mohamed Reza Movahed, a United States citizen, residing at 5S Santa Teresita, Irvine, CA 92606, have invented certain new and useful improvements in a SYSTEM AND METHOD FOR MEASURING CROSS-SECTIONAL AREAS AND PRESSURE GRADIENTS IN LUMINAL ORGANS for which we have filed an application for Letters Patent in the United States, Application Nos. 10/782,149, Filed on February 19, 2004;

AND WHEREAS, ELECTRO-CAT, LLC. (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 4 Limoges, Newport Coast, CA 92657, 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, he 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, he 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, he 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, he successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

m for said improvements in all commune. IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of Mary

STATE OF CACIFORNIA

SS.

On <u>S/14/04</u>, before me, <u>DAVE EE</u>, <u>bran</u> AB-12, personally appeared Ghassan S. Kassab personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/see subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity (199), 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

WITNESS my hand and official seal.



Notary Signature

PATENT REEL: 030397 FRAME: 0130

PATENT 10/782,149 Client Code: KASSAB.003A Filing Date: 02/19/04 Page 2 IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>19</u> day of <u>Mog</u>, 20<u>0</u>4 Hans Gregersen STATE OF CALIFORNIA \$\$. COUNTY OF OPANDE On 5/14/2004, before me, DAVE USE, Notaci AULL, personally appeared Hans Gregersen 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. DAVE LEE COMM...1303137 [SEA NOTARY PUBLIC CALIFORNIA Notary Signature ORANGE COUNTY My Tem Exp. May 3, 2005 IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_. <u>M.A. m. w.h. H. H.</u> Mohamed Reza Movahed STATE OF California SS. COUNTY OF Orange On 1971 may 2004, before me, ANIL R. SANADE personally appeared Mohamed Reza Movahed personally known to me (or proved to me on the basis of satisfactory evidence) to be the person() whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(iss), 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.

**ISEA** ANIL R. SANADE COMM. ..1486774 OTARY PUBLIC-CALIFORNIA **ORANGE COUNTY** Wy Tesm Exp. April 30, 2004

Notary Signatu

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**RECORDED: 05/10/2013**