

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Ray Choueiry</td><td>07/16/2007</td></tr><tr><td>Todd Heckleman</td><td>07/16/2007</td></tr><tr><td>David J. Coumou</td><td>07/12/2007</td></tr></tbody></table>		Name	Execution Date	Ray Choueiry	07/16/2007	Todd Heckleman	07/16/2007	David J. Coumou	07/12/2007
Name	Execution Date								
Ray Choueiry	07/16/2007								
Todd Heckleman	07/16/2007								
David J. Coumou	07/12/2007								
RECEIVING PARTY DATA									
Name:	MKS Instruments, Inc.								
Street Address:	90 Industrial Way								
City:	Wilmington								
State/Country:	MASSACHUSETTS								
Postal Code:	01887-4610								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11763298</td></tr></tbody></table>		Property Type	Number	Application Number:	11763298				
Property Type	Number								
Application Number:	11763298								
CORRESPONDENCE DATA									
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Email: jmlafata@hdp.com									
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NAME OF SUBMITTER:	Erica Minyard								
Total Attachments: 6 source=Signed_Assignment#page1.tif source=Signed_Assignment#page2.tif									

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Ray Choueiry; Todd Heckleman; and David J. Coumou (hereinafter referred to as Assignors), residing at 255 W. Squire Drive, Apt. 6, Rochester, New York 14623; 154 Hinkleyville Road, Spencerport, New York 14559; and 852 Arlberg Circle, Webster, New York 14580, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in Multipoint Voltage and Current Probe System, set forth in a Patent application for Letters Patent of the United States, already filed on June 14, 2007 as U.S. Application No. 11/763,298; and

WHEREAS, MKS Instruments, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 90 Industrial Way, Wilmington, Massachusetts 01887-4610 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, including the right to recover for past infringements, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or

extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

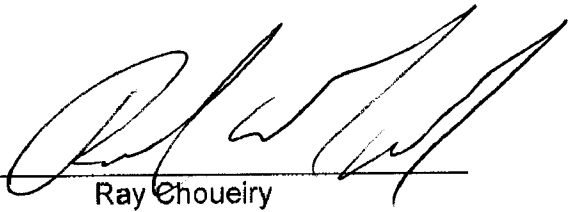
AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order

to comply with the rules of the United States Patent and Trademark Office for
recordation of this document:

HARNESS, DICKEY & PIERCE, P.L.C.

All practitioners at Customer Number 27572

AND Assignors acknowledge an obligation of assignment of this invention to
Assignee at the time the invention was made.


Ray Choueiry

Date: 7/16/07

United States of America)
State of New York) ss.:
County of Monroe)

On this 16 day of July, _____, before me
personally came Ray Choueiry, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.


Notary Public


SUZANNE L. WANDTKE
Notary Public, State of New York
Qualified in Monroe County
My Commission Expires Feb 28, 2011


Todd Heckleman


Date: 7/16/07

United States of America)
State of New York) ss.:
County of Monroe)

On this 16th day of July, _____, before me
personally came Todd Heckleman, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.


Notary Public

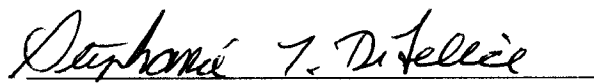
SUZANNE L. WANDTKE
Notary Public, State of New York
Qualified in Monroe County
My Commission Expires Feb 28, 2011


David J. Coumou

Date: 7/12/2007

United States of America)
State of New York) ss.:
County of Monroe)

On this 12th day of July, 2007, before me
personally came David J. Coumou, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.


Notary Public

Stephanie J DiFelice
Notary Public Monroe Co, NY
My Commission Expires 11/01/2008
Registration No 01DI6118259