

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2946003

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DILIP H. SHAH	08/19/2004
	TODD ING	08/19/2004
RECEIVING PARTY DATA		
Name:	AKSYS LTD.	
Street Address:	2 MARRIOTT DRIVE	
City:	LINCOLNSHIRE	
State/Country:	ILLINOIS	
Postal Code:	60069	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14269602
CORRESPONDENCE DATA		
Fax Number:	(312)913-0002	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	3129130001	
Email:	docketing@mbhb.com	
Correspondent Name:	MCDONNELL, BOEHNEN, HULBERT & BERGHOFF	
Address Line 1:	300 SOUTH WACKER DRIVE	
Address Line 2:	SUITE 3200	
Address Line 4:	CHICAGO, ILLINOIS 60606	
ATTORNEY DOCKET NUMBER:	04-544-US-CON5	
NAME OF SUBMITTER:	EMILY MIAO	
SIGNATURE:	/Emily Miao/	
DATE SIGNED:	07/21/2014	
Total Attachments: 3		
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ASSIGNMENT

Case No.: 04-544

Serial No.: 13/786,806

Inventors: Dilip H. Shah and Todd Ing

Date of Execution

of Application: August 19, 2004

Filing Date: 8/19/04

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Aksys Ltd., a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

and identified as: **CITRATE-BASED DIALYSATE CHEMICAL FORMULATIONS**
Case No. 04-544

in the offices of McDONNELL BOEHNNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.


The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 19 day of August, 2004.


Dilip H. Shah

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of
August, 2004 by _____ . . .

NOTARY PUBLIC

AUG. 19, 2004 14:47 18472292313

AKS19

WITNESS my hand and seal this 19 day of August, 2004.

Todd S. Ing
Todd Ing

State of

County of

The foregoing instrument was acknowledged before me this ____ day of

August, 2004 by _____

NOTARY PUBLIC

- 3 -

McDONNELL, DUBERKIN
HUBBARD & BERKOWITZ LLP
300 SOUTH WABASH, SUITE 2000
CHICAGO, ILLINOIS 60606
TELEPHONE 312.512.6000