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Form PTO-1595 (Rev. 07/05) OMB No. 0661-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCI United States Patent and Trademark Office			
RECORDATION FOR	RM COVER SHEET			
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
Name of conveying party(les):	2. Name and address of receiving party(lee)			
James W. Halbrook (09/10/2001), Edward A. Kesicki (09/10/2001), Laurence E. Burgess (09/04/2001),	Name: ICOS Corporation			
Additional name(s) of conveying party(les) attached? X Yes No	Street Address:			
3. Nature of conveyance/Execution Date(s): Execution Date(s): In parentheses after inventor name X Assignment Merger Change of Name	22021 20 th Avenue SE			
Security Agreement Joint Research Agreement	City: Bothell			
Government Interest Assignment				
Executive Order 9424, Confirmatory License	State: Washington			
Other	Country: United States of America Zip: 98021 Additional name(s) & address(es) Yes X No			
	attached: Yes X No			
A. Petent Application No.(s) 11/708,163 Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed; Name: Roque El-Hayek WOLF, GREENFIELD & SACKS, P.C. Internal Address: Street Address: Federal Reserve Plaza 600 Atlantic Avenue	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account			
City: Boston State: MA	Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 23/2825 Authorized User Name Roque El-Hayek			
Signature				
Roque El-Hayek - 55,151 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 6			

PATENT1530871.1

REEL: 021850 FRAME: 0383

Form PTO-1595	RECO	RDATION FORM COVER SHEET (CONTINUED)			
Additional Conveying Party(ies)/Execution Date(s) (1. Continued):					
Stephen T. Schlachter (09/04/2001), Charles T. Eary (09/04/2001), Justin G. Schiro (09/04/2001), Hongmel Huang (09/04/2001), Michael Evans (09/04/2001), and Yongxin Han (09/04/2001)					
Additional Assignees (2. Continued):					
Assignee Name:					
Internal Address: Street Address:					
Officer Vogless:					
City:	State:	Country:	Zlp:		
Assignee Name:					
Internal Address:					
Street Address:					
City:	State:	Country:	Zip:		
Assignee Name:					
Internal Address: Street Address:					
Street Address:					
Olty:	State:	Country:	zip;		
Additional Applications and/or Patents (4. Continued):					
Additional Patent Application 4A. Continued:	Numbers	Additional Patent Numbers 4B. Continued:			
Additional numbers attached? Yes No					

2

ASSIGNMENT

Serial No:

<u>09/941</u>,897

Filed:

August 28, 2001

Title:

MATERIALS AND METHODS TO POTENTIATE CANCER TREATMENT

For ten dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to ICOS Corporation, a Delaware corporation, 22021 20th Avenue SE, Bothell, Washington 98021, (hereinafter "assignee"), 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, executed by the undersigned on _______, 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 thereof.

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 execution date and/or filing date and serial number of said application when officially known.

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

For said consideration 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, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit 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 said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

PATENT REEL: 021850 FRAME: 0385

1;

State of Washington

County of Snohomish s

James Halbrook

Edward Kesicki

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

_

Notary Public

PATENT REEL: 021850 FRAME: 0386

M O O I G N W E N I

Serial No:

09/941,897

Filed:

August 28, 2001

Title:

MATERIALS AND METHODS TO POTENTIATE CANCER TREATMENT

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

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

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

For said consideration 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, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit 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 said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

MARSHALL, GERSTEIN & BORUN, 6300 Sears Tower, 233 South Wacker Drive, Chicago, Illinois 60606-6402

PATENT REEL: 021850 FRAME: 0387 WITNESS our hands this _ 4.5 _ day of _ September _, 2001.

} ss

State of Colora do

County of Boulder

Laurence E. Burgess

Stephen T. Schoched

Chala > Eau

State -

Hougmei Huang

Michael Evans

Yong in Han

On this 14th day of September, 2001, before me, a Notary Public in and for the County and State aforesaid, appeared Laurence E. Burgess, Stephen T. Schlachter, Charles T. Eary, Justin G. Schiro, Hongmei Huang, Michael Evans, and Yongxin Han, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires November 25, 2001

My Commission Expire 3173 Burgundy Drive - Longmont, CO 80503

Notary Public

PATENT REEL: 021850 FRAME: 0388

RECORDED: 11/17/2008