

07-27-1998



100776492

To the Honorable Commissioner of
Patents and Trademarks:
Please record the attached original
document or copy thereof.

MD 7-21-98

1. Name of party or parties conveying an interest: Merl F. Hoekstra	2. Name and address of party or parties receiving an interest: Name: ICOS CORPORATION, a Delaware corporation Address: 22021 20th Avenue, S.E. City: Bothell State: Washington Zip: 98021
3. Description of the interest conveyed: <input checked="" type="checkbox"/> Assignment Other: <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement Execution Date: July 10, 1998	
4. Application number(s) or patent number(s). Additional sheet attached? YES _____ NO <u>X</u> A. Patent application no.(s): 09/067,284 filed April 27, 1998	
5. Name and address of party to whom correspondence concerning this cover sheet should be mailed: Name: Joseph A. Williams, Jr. Reg. No. 38,659 MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN Street Address: 6300 Sears Tower, 233 South Wacker Drive City: Chicago State: Illinois Zip: 60606-6402	6. Number of applications and/or patents identified on this cover sheet: 1 7. Amount of fee enclosed or authorized to be charged: \$ 40.00 8. Any additional required fee may be charged, or any overpayment credited to our deposit account: 13-2855

9. To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

07/23/1998 SSMITH
01 FC:501

Date: July 17, 1998
00000175/09067284

40.00 DP

Joseph A. Williams, Jr.
Joseph A. Williams, Jr.
Reg. No. 38,659

Total number of pages including cover sheet, attachments, and document: 4

PATENT

REEL: 9336 FRAME: 0937

A S S I G N M E N T

Serial No: 09/067,284
Filed: April 27, 1998
Title: Materials and Methods for Modulating Differentiation

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, S.E., 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, filed by the undersigned on April 27, 1998, 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.

WITNESS our hands this 10 day of July, Nineteen Hundred and Ninety-Eight.

State of _____

County of _____

} ss.

Merl F. Hoekstra

On this _____ day of _____, 1998, before me, a Notary Public in and for the County and State aforesaid, appeared Merl F. Hoekstra, 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: _____

Notary Public

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

STATE OF CALIFORNIA
COUNTY OF SAN DIEGO

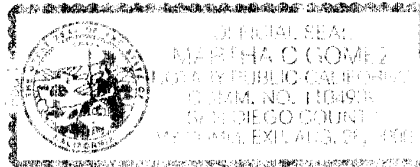
} ss.

On 7-10-98, before me, MARTHA C GOMEZ, Notary Public,
personally appeared MERL F HOCKSTRA

_____, 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/she/they executed the same
in his/her/their authorized capacity(ies), and that by his/her/their 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.

Signature _____



Other signatures not acknowledged _____

Title of Document Assignment

Date of Document April 27 1998 No. of Pages 2 + C.A. ACK

"NOTARIES WILL TRAVEL" AAAAAA INC. 619 - 233 - 6654

PATENT