PATENTS ONLY

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

Name of party or parties conveying an interest:	2. Name and address of party or parties receiving an interest:		
Casim A. Sarkar Douglas A. Lauffenburger Bruce Tidor	Name: Massachusetts Institute of Technology Address: 77 Massachusetts Avenue Cambridge, MA 02139		
3. Description of the interest conveyed:	Other:		
X Assignment Merger Change of Name Security Agreement Execution Date: March 22, 2002			
4. Application number(s) or patent number(s). Additional sheet attached?  YES NO_X	If the document is being filed together with a new application, the execution date of the application is:		
A. Patent application no.(s):	B. Patent no.(s):		
09/950,123 filed September 10, 2001			
5. Name and address of party to whom correspondence concerning this cover sheet should be mailed: Name: Michael F. Borun	6. Number of applications and/or patents identified on this cover sheet:  1 7. Amount of fee authorized to be charged to		
Reg. No. 25,447 MARSHALL, GERSTEIN & BORUN	Deposit Account No. 13-2855: \$ 40.00		
Street Address: 6300 Sears Tower,	\$ 40.00		
233 South Wacker Drive	8. Any additional required fee may be		
City: Chicago	charged, or any overpayment credited to our		
State: Illinois Zip: 60606-6402	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.

Date: 4/23/02

Facsimile: 312-474-0448

Michael F. Borun Reg. No. 25,447

Total number of pages including cover sheet, attachments, and document: \_\_4

PATENT REEL: 012618 FRAME: 0888

## ASSIGNMENT

Serial No: 09/950,123

September 10, 2001 Filed:

G-CSF ANALOG COMPOSITIONS AND METHODS Title:

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 the Massachusetts Institute of Technology, a Massachusetts corporation, 77 Massachusetts Avenue, Cambridge, MA 02139, (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, 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.

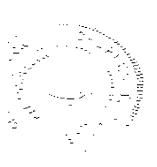
For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit 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: 012618 FRAME: 0889

WITNESS our hands th	is <u>22</u> day of <u>Ma</u>	rch, 2002.	
State of <u>Massachuse Hs</u> County of <u>Middle sex</u>	is <u>22</u> day of <u>Ma</u> } ss	Casim A. Sarkar	nlar
County of Middle sex			
aforesaid, appeared Casim A. Sa foregoing instrument, and ackno and purposes therein expressed.	wledged that they executed said	to be the same persons whose d instrument as their free and	e names are subscribed to the
WITNESS my hand and	d seal the same day and year la	ist above given.	
My Commission Expires:	\$155 (\$1.50) \$155 (\$27.00) [ + 527.42 (\$1.50)	Charles ?	Notary Public
State of Massachuse 197		Douglas A. Lauffenbu	
On this (2) day of _aforesaid, appeared Douglas A. to the foregoing instrument, and the uses and purposes therein ex	d acknowledged that they exec	ly known to be the same person	ns whose names are subscribed

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

My Commission Expires:



PATENT REEL: 012618 FRAME: 0890

Charles & Munger Notary Public ntors

No. 9224 P. 5/5

Atty. Docket No: 01017/37377

WITNESS our hands this 22 day of March , 2002.

State of Massochusetts

County of Middlesex On this <u>72</u> day of <u>Morch</u>, 2002, before me, a Notary Public in and for the County and State aforesaid, appeared Bruce Tidor, 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

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

and purposes therein expressed.

My Commission Expires: Notary Public Notary Public

RECORDED: 04/23/2002

**PATENT** REEL: 012618 FRAME: 0891