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1. Name of party or parties conveying an interest:  Marja-Terttu Matikainen	2. Name and address of party or parties receiving an interest:  Name: Orion Corporation Street Address: Orionintie 1 City: Espoo Country: Finland Zip: FIN-02200
3. Description of the interest conveyed:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement Execution Date: December 3, 1999	Other:
4. Application number(s) or patent number(s). Additional sheet attached? YES___ NO___  A. Patent Application no.(s):	If the document is being filed together with a new application, the execution date of the application is:  B. Patent no.(s): 5,955,291
5. Name and address of party to whom correspondence concerning this cover sheet should be mailed: Name: David A. Gass Reg. No. 38,153 MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN Street Address: 6300 Sears Tower 233 S. Wacker Drive City: Chicago State: Illinois Zip: 60606-6402	6. Number of applications and/or patents identified on this cover sheet: ----- 7. Amount of fee enclosed or authorized to be charged: \$40.00 ----- 8. <i>Any additional required fee may be charged, or any overpayment credited to our deposit account: 13-2855</i>

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: December 22, 1999

David A. Gass  
Reg. No. 38,153

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Total number of pages including cover sheet, attachments, and document: 2

# ASSIGNMENT

Patent No: 5,955,291  
 Issued: September 21, 1999  
 Title: Antibodies Recognizing Tie Receptor Tyrosine Kinase and Uses Thereof

For ten dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to ORION CORPORATION, Orionintie 1, FIN-02200, Espoo, Finland (mailing address: ORION CORPORATION, Orion Pharma, Industrial Property Rights, P.O. Box 65, 02101 Espoo, Finland) (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, U.S. Patent Application Serial No. 08/220,240, 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, including U.S. Patent No. 5,955,291, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

The undersigned warrants herself to be the owner of the interest herein assigned and to have the right to make this assignment and further warrants that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned, except in favor of Assignee.

For said consideration the undersigned hereby agrees, 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 the aforesaid 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 my hand this 3 day of December, Nineteen Hundred and Ninety-Nine.

Witnesses:

(1) [Signature]  
 Name: Sari Lyyti

[Signature]  
 Marja Terttu Matikainen

2) [Signature]  
 Name: Marja Lyyti

PATENT

RECORDED: 12/27/1999

REEL: 010470 FRAME: 0461