12-31-2003 FORM PTO-1595 REC U.S. DEPARTMENT OF COMMERCE (Rev. 10/02) Patent and Trademark Office 102635709 Docket No.: 065991-0012 To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto: 1. Name of Conveying Party(ies): 2. Name and address of receiving party(ies): Guttorm Ringstad Opshaug, Matthew Rabinowitz, and Name: Rosum Corporation Jimmy K. Omura Address: 1450 Veterans Blvd., Suite 100 Additional name(s) of conveying party(ies) attached? Tyes No. 3. Nature of Conveyance: Redwood City, CA 94063 ☐ Merger Security Agreement ☐ Change of Name Other Execution Date: November 20, 2003 Additional name(s) & address(es) attached? Yes No 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: December 1, 2003 A. Patent Application No(s). B. Patent No(s). Additional numbers attached? Yes No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY 7. Total fee (37 CFR 3.41) \$40.00 Internal Address: Enclosed Authorized to be charged to deposit account Street Address: 18191 Von Karman Ave. 8. Deposit account number: 502203 City: State: CA Irvine Zip: 92612-0187 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arlyn L. Alonzo, Reg. No. 44,502

ORC 325805-1.065991.0012

/12/31/2003 GTON11 00000041 502203 10740881

QMB No. 0651-0027 (exp. 6/30/2005)

Name and Registration No. of Person Signing

01 FC:8021

40.00 DA

REEL: 014828 FRAME: 0329

Total number of pages including cover sheet:

Docket No.: 065991-0012

## **ASSIGNMENT**

WHEREAS WE, Guttorm Ringstad Opshaug, Matthew Rabinowitz, and Jimmy K. Omura of 2315 Eastridge Ave., Apt. 723, Menlo Park, CA 94025; 25299 La Loma Drive, Los Altos, CA 94022; and 601 4th Street, Unit 123, San Francisco, CA 94107, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled METHOD AND SYSTEM FOR GENERATING REFERENCE SIGNALS WITH IMPROVED CORRELATION CHARACTERISTICS FOR ACCURATE TIME OF ARRIVAL OR POSITION DETERMINATION, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Rosum Corporation, a corporation of the State of California and having an address of 1450 Veterans Blvd., Suite 100, Redwood City, CA 94063 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Rosum Corporation, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Rosum Corporation, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

11/20/03	Guttom R. Commey
Date	Guttprm Ringstad Opshaug
11/20/03 Date	Matthew Rabinovitz
4/20/07	- Jan K Mm
Date	Mmmy K. Omura

ORC 323399-1.065991.0012

**RECORDED: 12/22/2003** 

PATENT REEL: 014828 FRAME: 0330