

4/15/04

04-18-2004



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Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): James J. Spilker, Jr. Jimmy K. Omura

2. Name and addresses of receiving party(ies): Name: Rosum Corporation Internal Address: Street Address: 1450 Veterans Blvd., Suite 100 City: Redwood City State: CA Zip: 94063 US

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other

Execution Date: 2/4/2004; 2/11/2004

Additional name(s) of conveying party(ies) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 10/658,356

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard A. Dunning, Jr. Law Office of Richard A. Dunning, Jr. Internal Address: Street Address: 343 Soquel Avenue, Suite 311 City: Santa Cruz State: CA Zip: 95062

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

Enclosed Authorization to charge deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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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.

Richard A. Dunning, Jr.

Name of Person Signing

Signature

4/7/04

Date

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

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PATENT REEL: 015211 FRAME: 0015

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby expressly acknowledged, we, the undersigned,

James J. Spilker, Jr., now residing at 85 Roan Place, Woodside, CA 94062

Jimmy K. Omura, now residing at 601 4th Street, Unit 123, San Francisco, CA 94107

hereby sell, assign and transfer to Rosum Corporation, a corporation organized under the laws of the state of California, as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the application for United States Patent entitled

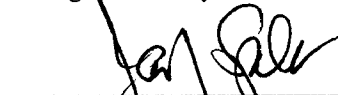
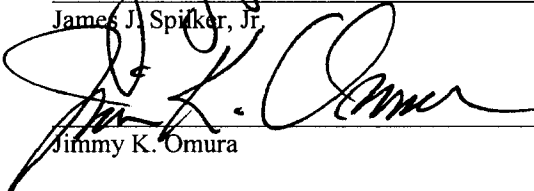
Position Location Using Broadcast Digital Television Signals Comprising Psuedonoise Sequences
Serial Number: 10/658,356
Filed: 9/9/2003

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this Assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereto under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, Assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no Assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.


_____[L.S.]
James J. Spilker, Jr.

_____[L.S.]
Jimmy K. Omura

Date: 2/4/04

Date: 2/11/04