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FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011(exp. 4/94)

REC

06-08-1998



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SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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

1. Name of conveying party(ies):

Ron S. Dembo, Alexander Y. Kreinin and Dan Rosen

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

☐ Other _____

Execution Date: May 25, 1998

2. Name and address of receiving party(ies):

Name: ALGORITHMICS INCORPORATED

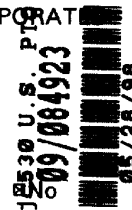
Internal Address:

Street Address: 185 Spadina Avenue

Toronto, Ontario

Canada M5T 2C6

Additional name(s) & address(es) attached? ☐ Yes ☒ No



4. Application number(s) or patent number(s): 09/084923

If this document is being filed together with a new application, the execution date of the application is: May 25, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Frank Pietrantonio
Kenyon & Kenyon
1025 Connecticut Avenue, N.W.
Washington, DC 20036

6. Total number of applications and patents involved: 1

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

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

11-0600

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

06/08/1998 JSN00077 00000045 110600 09084923
Sale Ref: 00000045 Doc: 110600 09084923
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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.

Frank Pietrantonio
Name of Person Signing

Signature

May 28, 1998
Date

Total number of pages comprising cover sheet: 5

OMB No. 0651-0011 (exp. 4/94)

162933:1908/46302

ASSIGNMENT

WHEREAS, we, **Ron S. Dembo**, 398 Markham Street, Toronto, Ontario, Canada M6G 2K9, citizen of Canada; **Alexander Yacov Kreinin**, 211 Joseph Aaron Boulevard, Thornhill, Ontario, Canada L4J 6C3, citizen of Canada and Russia; and **Dan Rosen**, 223 Chaplin Crescent, Toronto, Ontario, Canada M5P 1B1, citizen of Mexico, have invented the subject matter described in the United States Patent Application entitled "COMPUTER-IMPLEMENTED METHOD AND APPARATUS FOR PORTFOLIO COMPRESSION," filed in the United States Patent and Trademark Office on even date herewith; and

WHEREAS, **Algorithmics Incorporated**, a corporation organized and existing under and by virtue of the laws of Canada, doing business at 185 Spadina Avenue, Toronto, Ontario, Canada M5T 2C6, is desirous of acquiring the entire right, title and interest in and to said application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the improvements therein contained.

NOW THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) lawful money of the United States and other valuable considerations, in hand paid to us, the receipt and sufficiency of which is hereby acknowledged, we, **Ron S. Dembo, Alexander Yacov Kreinin** and **Dan Rosen**, have sold, assigned and transferred, and do hereby sell, assign and transfer unto **Algorithmics Incorporated**, its successors and assigns, the entire right, title and interest in and to said application and the invention therein contained, including the right to apply for any Letters Patent in the United States of America and in any and all foreign countries on said invention, and any and all other applications for Letters Patent on said invention, in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based upon said invention or upon said application, to the full end of the term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention, said application, said Letters Patent, the same to be held and enjoyed by **Algorithmics Incorporated**, its successors and assigns, the same as it would have been held and enjoyed by us if this assignment and sale had not been made.

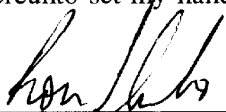
And we hereby authorize **Algorithmics Incorporated** to file patent applications in any or all countries on any or all of said invention in our name or in the name of **Algorithmics Incorporated**, or otherwise as **Algorithmics Incorporated** may deem advisable, under any International Convention or otherwise.

And we hereby authorize the Commissioner of Patents and Trademarks of the United States and the empowered officials of all other governments to issue or transfer all said Letters Patent to **Algorithmics Incorporated**, as assignee of the entire right, title and interest therein or otherwise as **Algorithmics Incorporated** may direct in accordance with this instrument of assignment.

We hereby represent and warrant that there are no rights or interests inconsistent with the rights and interests granted herein and that we will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein, and we hereby bind ourselves and our heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to **Algorithmics Incorporated**, its successors and assigns, any further documents or instruments and do any and all further acts that may reasonably be deemed necessary by **Algorithmics Incorporated**, to enable **Algorithmics Incorporated**, its successors or assigns to file applications for the invention in any country where it may elect to file such applications, and that may be necessary to vest in **Algorithmics Incorporated**, its successors and assigns, the title herein conveyed or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application or applications may be filed.

And we further covenant and agree, in consideration of the premises, that we, our executors and administrators, will at any time, upon request, communicate to **Algorithmics Incorporated**, its successors and assigns, any facts relating to the invention and the improvements contained therein and the history thereof, known to us or our executors and administrators, and that we will testify as to the same in any interference or other litigation when requested so to do by **Algorithmics Incorporated**, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 25th day of May, 1998.



Ron S. Dembo

WITNESSED BY:

G. Noy

Name

530 Chancery Lane
Waterloo, Ontario, Canada N2T-2N4

Address

WITNESSED BY:

D. Gardner

Name

2217 Meadowland Dr.
Corkville, Ont. L6A 6H2

Address

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 25
day of May, 1998.



Alexander Y. Kreinin

WITNESSED BY:

J. Homan
Name

530 Chancery Lane
Waterloo, Ontario, Canada N2T 2N4
Address

WITNESSED BY:

D. Bechler
Name

2217 Meadowlark Dr
Oakville, Ont L6H 6H2
Address

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 25th
day of May, 1998.



Dan Rosen

WITNESSED BY:

M. Honey
Name

530 Chancery Lane
Waterloo, Ontario, Canada N2T 2N4
Address

WITNESSED BY:

D. Stodner
Name

2217 Meadowland Dr
Corkville, Ont. L6H 6H2
Address