

06-15-2004

Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/20)



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

Attorney's Docket No. 009683-504

To the Director of the United States Patent and Trademark Office, please record the attached original documents or copy thereof.

102766194

1. Name of conveying party(ies): Kagumi MORIWAKI

6-8-04

2. Name and address of receiving party(ies): Name: Konica Minolta Business Technologies, Inc. Internal Address:

17548 U.S. PTO 10/862454

060804

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

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

Street Address: 1-6-1 Marunouchi, Chiyoda-ku, Tokyo 100-0005 Japan

Execution Date: May 26, 2004

City: State: Zip:

Additional name(s) & addresses 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: May 26, 2004

A. Patent Application No.(s) 10862454

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Platon N. Mandros Address: Burns, Doane, Swecker & Mathis, L.L.P. Customer Number 2 1 8 3 9 P.O. Box 1404 Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: 1

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

[] Enclosed [X] Authorized to be charged to deposit account [X] Credit card. Form PTO-2038 is attached.

8. Deposit account number: 02-4800 (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.

Platon N. Mandros, Reg. No. 22,124 Name of Person Signing

Signature: [Handwritten Signature]

June 8, 2004 Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Director of the United States Patent and Trademark Office / Mail Stop Assignment Recordation Services P.O. Box 1450 / Alexandria, VA 22313-1450

ASSIGNMENT

(SOLE)

THIS ASSIGNMENT, by Kagumi MORIWAKI, residing at Kawanishi-shi, Hyogo-ken, Japan (hereinafter referred to as "the Assignor"), respectively, witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements in Format Conversion Apparatus and File Search Apparatus Capable of Searching for a File as Based on an Attribute Provided Prior to Conversion set forth in an application for Letters Patent of the United States, which is a

- (1) provisional application
 (a) bearing Application No. _____, and filed on _____; or
 (b) to be filed herewith; or
- (2) non-provisional application
 (a) bearing Application No. _____, and filed on _____; or
 (b) having an oath or declaration executed on even date herewith prior to filing of application;
 (c) having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, Konica Minolta Business Technologies, Inc., a corporation duly organized under and pursuant to the laws of Japan and having a principal place of business at 1-6-1 Marunouchi, Chiyoda-ku, Tokyo 100-0005 Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby authorizes and requests the attorneys of Burns, Doane, Swecker & Mathis, L.L.P., of Alexandria, Virginia, to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE May 26, 2004

Kagumi Moriwaki
Kagumi MORIWAKI