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| | RECARBANION |

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| OMB No. 0651-0027 (exp. 6/30/2008) | ad Trademark Office | |
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| RECARBANION | nd Trademark Office | |
| PATENIA | 103255577 | |
| To the Director of the U.S. Patent and Trademark Office: Please | record the attached documents | |
| Name of conveying party(ies): | 2. Name and address of receiving party(les) | |
| Brian S. Micciche | - · · · · | |
| | Name: Komax Holding AG | |
| | Internal Address: | |
| Additional name(s) of conveying party(ies) attached? Yes X No | Street Address: | |
| 3. Nature of conveyance/Execution Date(s): | | |
| Execution Date(s): May 17, 2006 | Industriestrasse 6 | |
| X Assignment Merger Change of Name | | |
| Security Agreement Joint Research Agreement | City: Dierikon | |
| Government Interest Assignment | | |
| | State: | |
| Executive Order 9424, Confirmatory License | Country: Switzerland Zip: CH-6036 | |
| Other | Additional name(s) & address(es) Yes X No attached? | |
| 4 Application or retard assets of the | | |
| 4. Application or patent number(s): A. Patent Application No.(s) | This document is being filed together with a new application. | |
| 11/353142 | B. Patent No.(s) | |
| 111000112 | | |
| | | |
| Additional numbers attached? | Yes X No | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: | |
| Name: Stuart I. Smith | | |
| VENABLE LLP | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 | |
| Internal Address: Atty. Dkt.: 31509-228082 | Authorized to be charged by credit card | |
| Street Address: P.O. Box 34385 | x Authorized to be charged to deposit account | |
| | Enclosed | |
| | None required (government interest not affecting title | |
| | | |
| City: Washington | 8. Payment Information | |
| State: DC Zip: 20043-9998 | a. Credit Card Last 4 Numbers | |
| Phone Number: (703) 760-1671 | Expiration Date | |
| Fax Number: (202) 344-8300 | b. Deposit Account Number 22-0261 | |
| Email Address: | Authorized User Name Venable LLP | |
| 9. Signature: | | |
| | 6/7/06 | |
| ✓ Signature | / Date/ | |
| Ryan M. Flandro, Reg. No. 58,094 | Total number of pages including cover sheet, attachments, and documents: 2 | |
| Name of Person Signing DC2DOCS1/756939 | orios, stasimono, ana accumente. | |

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REEL: 017948 FRAME: 0398

WORLDWIDE ASSIGNMENT

WHEREAS Brian S. MICCICHE of York, Pennsylvania, hereinafter referred to as the Assignor, invented a certain improvement relating to "APPARATUS AND METHOD FOR ALIGNING AND FIXING RIBBON ON A SOLAR CELL", for which said Assignor caused an application for United States Letters Patent to be prepared,

[] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[X] said application having been filed in the United States Patent and Trademark Office on February 14, 2006, Serial Number 11/353,142, and provisional application number 60/654,004, filed February 18, 2005;

WHEREAS Komax Holding AG, Industriestrasse 6, CH-6036 Dierikon, Switzerland, hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire and exclusive right, title, and interest for the United States in and to the invention, the application, and any patents which may be granted therefor, including any and all divisions, continuations, in whole or in part, substitutions, renewals, reissues, reexaminations, and extensions thereof, and all applications claiming priority therefrom; and Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for the invention, or patents resulting therefrom, insofar as their interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all the rights, powers, privileges, and advantages in anywise arising therefrom or appertaining thereto, for and during the term or terms of any and all such patents when granted, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as Assignor might or could have held and enjoyed the same, if this assignment had not been made.

Assignor further hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire right, title and interest in all countries of the world, in and to the invention and in and to the application and all patents which may be granted therefor, and all national applications, regional applications, divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, including the right to file applications and obtain patents for the invention in its own name, in all countries and including all rights of priority in all countries under the terms of any applicable international convention, insofar as its interest is concerned; and the Assignor hereby authorizes and requests the applicable patent office in each country of the world to issue all patents for the invention, or patents resulting therefrom, insofar as its interest is concerned, to the Assignee, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of such patents for the invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

The Assignor further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agrees, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce proper patent protection for said invention.

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed.

EXECUTED this day of 1st ASSIGNOR: Brjan S. MICQICHE

Signature: 🗸

WITNESS:

Signature:

Name: Address:

Signature:

Name: Address:

BRAS 104

DINGLE

M. OVERVIEW CIRCLE

Attorney Docket No.: 31509-228082

LION 17356

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PATENT REEL: 017948 FRAME: 0399

RECORDED: 06/07/2006