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Attorney Docket No. 050680

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| Submission typ | oe: <u>XX</u> | New Resubmission (Non-Recordat Document ID #: | | | | |
| Conveyance type: | | | Security Agreement Change of name Other | | | |
| Conveying Par | ty (ies): | (Last, First, Middle Initial) | Execution Date | | | |
| First party | Name: | MINE, Keiji | September 30, 2005 | | | |
| Second party | Name: | NAKAGAWA, Hiroshi | September 30, 2005 | | | |
| Third party | Name: | | | | | |
| Additional name(s) of conveying party(ies) attached? Yes No_XX_ | | | | | | |
| Receiving Part | y (ies): | | | | | |
| First party | Name: | HOSIDEN CORPORATION | 1 | | | |
| | Address: | 1-4-33, Kitakyuhoji, Yao-shi | i, Osaka 571-0071, Japan | | | |
| Second party | Name: | | HOE | | | |
| | Address: | | | | | |
| Additional name(s) & address(es) attached? Yes No XX | | | | | | |
| Domestic Representative Name and Address | | | | | | |
| Armstrong, Kratz, Quintos, Hanson & Brooks, LL | | s, Hanson & Brooks, LLP | 23850 | | | |
| Suite 1000, 17 Washington, D (202) 659-2930 | .C. 20006 | | PATENT TRADEMARK OFFICE | | | |
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11/261587

PATENT REEL: 017051 FRAME: 0445

| ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006 Pages Enter the total number of pages of the attached conveyance document: 1 (including any attachments, but not counting cover sheets) Application Number(s) or Patent Number(s) Additional numbers attached? Yes No XX A. Patent Application No.(s) B. Patent No.(s) If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: September 30, 2005 (Do not recite both application and patent numbers.) Patent Cooperation Treaty (PCT) Enter PCT application number only if PCT a U.S. Application Number has not been assigned PCT Number of Properties Enter the total number of properties involved: 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41) | Page 2 | | | | | |
|---|---|---------------------------------------|--|--|--|--|
| Pages Enter the total number of pages of the attached conveyance document: 1 (including any attachments, but not counting cover sheets) Application Number(s) or Patent Number(s) Additional numbers attached? Yes No _XX A. Patent Application No.(s) B. Patent No.(s) If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: September 30, 2005 (Do not recite both application and patent numbers.) Patent Cooperation Treaty (PCT) PCT at U.S. Application number only if PCT a U.S. Application Number has not been assigned PCT at U.S. Application Number has not been assigned PCT September of Properties Enter the total number of properties involved: 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41) | Correspondent Name and Address | Telephone: 202-659-2930 | | | | |
| Application Number(s) or Patent Number(s) Additional numbers attached? Yes No _XX A. Patent Application No.(s) B. Patent No.(s) If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: September 30, 2005 (Do not recite both application and patent numbers.) Patent Cooperation Treaty (PCT) PCT Enter PCT application number only if PCT a U.S. Application Number has not been assigned PCT Number of Properties Enter the total number of properties involved: 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41)\$40.00 XX Enclosed Authorized to be charged to Deposit Account No.: 01-2340 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. Mel R. Quintos Name of Person Signing Signature | 1725 K Street, N.W., Suite 1000 | | | | | |
| A. Patent Application No.(s) B. Patent No.(s) If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: September 30, 2005 | Pages Enter the total number of pages of the attached conveyance document: 1 | | | | | |
| If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: September 30, 2005 (Do not recite both application and patent numbers.) Patent Cooperation Treaty (PCT) PCT | Application Number(s) or Patent Number(s) A | dditional numbers attached? Yes No XX | | | | |
| Signed by the first named executing inventor: September 30, 2005 (Do not recite both application and patent numbers.) Patent Cooperation Treaty (PCT) PCT | A. Patent Application No.(s) B. Patent No.(s) | | | | | |
| Patent Cooperation Treaty (PCT) PCT Enter PCT application number only if PCT a U.S. Application Number has not been assigned PCT Number of Properties Enter the total number of properties involved: Fee Amount Fee Amount for Properties Listed (37 CFR 3.41). \$40.00 XX Enclosed Authorized to be charged to Deposit Account No.: 01-2340 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. Mel R. Quintos Name of Person Signing Signature | signed by the first named executing inventor: September 30, 2005 | | | | | |
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| Authorized to be charged to Deposit Account No.: 01-2340 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. Mel R. Quintos Name of Person Signing Signature | Number of Properties Enter the total number of pr | roperties involved: 1 | | | | |
| Authorized to be charged to Deposit Account No.: 01-2340 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. Mel R. Quintos Name of Person Signing Signature | Fee Amount for Properties List | ed (37 CFR 3.41) \$40.00 | | | | |
| 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. Mel R. Quintos Name of Person Signing Signature | XX Enclosed | | | | | |
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| October 31, 2005 31,898 | | | | | | |

PATENT REEL: 017051 FRAME: 0446

| Docket No. | | Armstrong, Kratz. ntos, Han | son & Brooks, LLP | | | |
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| • | U.S. Assi | GNMENT | | | | |
| (Insert ASSIGNEE's Name(s) Address(es)) | IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by c/o Hosiden Corporation, 1-4-33, Kitakyuhoji, Yao-shi, Osaka 581-0071, Japan | | | | | |
| (Title of Invention) | (hereinafter ASSIGNEE), the receipt of ASSIGNOR hereby sells, assigns and and interest to the invention entitled: OPTICAL CONNECTOR WITH SERVICE ASSIGNMENT AND ASSIGNMENT AND ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT. | transfers to ASSIGNEE the entire | | | | |
| , | OF FICAL CONNECTOR WITH SHUTTER | | | | | |
| (*If the assignment is being filed after the filing of the application, this section must be completed) | for which application for Letters Pate unless otherwise indicated below: * filed on, Serial No | ent of the United States was exec | cuted on even date herewith | | | |
| TVprocedy | (Armstrong, Kratz, Quintos, Hanson & Brooks, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known) | | | | | |
| | and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted. | | | | | |
| | continuation, divisional, reissue or re | ASSIGNOR agrees to execute all papers necessary in connection with the application and any tinuation, divisional, reissue or reexamination applications thereof and also to execute separate gnments in connection with such applications as the ASSIGNEE may deem necessary or edient. | | | | |
| | The ASSIGNOR agrees to execute litigation, or other legal proceeding continuation, divisional, reissue or re thereon and to cooperate with the A evidence and proceeding with such interest. | which may be declared concern examination thereof or Letters Pa SSIGNEE in every way possible | ning this application or any atent or reissue patent issued in obtaining and producing | | | |
| | IN WITNESS WHEREOF, the under | signed inventor(s) has (have) affin | ted his/her/their signature(s). | | | |
| (Signatures) | Keiji Mine (Signature) | Kciji MINE (Type Name) | Sept. 30, 2005 (Date) | | | |
| | Keije Mine (Signature) Hiroshi hakayawa (Signature) | Hiroshi NAKAGAWA (Type Name) | Sept. 30, 2005 (Date) Sept. 30, 2005 (Date) | | | |
| | (Signature) | (Type Name) | (Date) | | | |
| | (Signature) | (Type Name) | (Date) | | | |
| | (Signature) | (Type Name) | (Date) | | | |
| | (Signature) | (Type Name) | (Date) | | | |

NO LEGALIZATION REQUIRED

RECORDED: 10/31/2005

PATENT REEL: 017051 FRAME: 0447