PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Hiroyuki YAMADA | 09/13/2011 |

RECEIVING PARTY DATA

| Name: | Murakumo Corporation | | |
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| City: | Tokyo | | |
| State/Country: | JAPAN | | |
| Postal Code: | 153-0061 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 13257070 | |

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Total Attachments: 1

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PATENT REEL: 026925 FRAME: 0056 OP \$40.00 13257070

U.S. ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's Name(s) Address(es)) Murakumo Corporation

1-45, Nakameguro 1-chome, Meguro-ku, Tokyo 153-0061 Japan

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

METHOD AND SYSTEM FOR MANAGING REPLICATION OF DATA

| | for which application for Letters unless otherwise indicated below: | | is executed on even date herewith | | |
|----------------|---|---|--|--|--|
| | filed on | Application No. | MANAGARA AND AND AND AND AND AND AND AND AND AN | | |
| · | (Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefore 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 reexamination applications th | ection with the application and any ereof and also to execute separate SIGNEE may deem necessary or | | |
| | litigation, or other legal proceed continuation, divisional, reissue | ding which may be declared cor reexamination thereof or Lett ne ASSIGNEE in every way po | connection with any interference, oncerning this application or any ers Patent or reissue patent issued assible in obtaining and producing r legal proceeding. | | |
| (Signatures) | IN WITNESS WHEREOF, the un | ndersigned inventor(s) has (have) | affixed his/her/their signature(s). | | |
| | 山田 珠之 | Hirovuki YAMADA | Sep, 13th, 2011 | | |
| | (Signature) | (Type Name) | (Date) | | |
| | (Signature) | (Type Name) | (Date) | | |
| | (Signature) | (Type Name) | (Date) | | |
| | (Signature) | (Type Name) | (Date) | | |
| | (Signature) | (Type Name) | (Date) | | |
| | (Signature) | (Type Name) | (Date) | | |
| NO LEGALIZATIO | ON REQUIRED | | | | |

PATENT REEL: 026925 FRAME: 0057

RECORDED: 09/19/2011