PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Hiroyuki Sasaki | 02/07/2011 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13022540 |

CORRESPONDENCE DATA

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076376.1881 ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER: Sam C. Olive

Total Attachments: 1

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PATENT REEL: 025756 FRAME: 0306

ASSIGNMENT

| | | (1) | Hiroyuki SASAKI | (5) | | | |
|--|--|--|--|---|--|--|--|
| (1-8) Insert Name(s) of Inventor(s) | (2) | | (6) | | | | |
| | (3) | | | | | | |
| | (4) | | | | | | |
| | | | In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and sover to | | | | |
| (9) | Insert Name of Assignee | (9) | BROTHER KOGYO KABUS | SHIKI KAISHA | | | |
| (10) Insert Address of Assignee | | (10) | 15-1 Naeshiro-cho, Mizuh | o-ku, Nagoya—shi, Aichi—ken 467-85 | 61, Japan | | |
| | | | (hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and relssue application(s), and all Letters Patent, extensions, relssues and reexamination certificates that may be granted on the invention known as | | | | |
| (11) | Insert Identification | (11) | DISPLAY APPARATUS | S | | | |
| | of Invention such as Title, Case | | | | | | |
| | Number, or Foreign Application Number | | (Attorney Docket No. | 076376.1881 | | | |
| | | | | ave) executed an application for patent in the L | | | |
| (12) | Insert Date of Signing of Application | (12) | on Feb, 1, 20 | 11 | | | |
| (13) | Alternative | (13) | U.S. application Serial Number | 13/022,540 | | | |
| | ldentification for filed applications | | filed <u>February</u> | 7, 2011 | | | |
| reissue a application any application Assigned claims of reexamination States re full right in herewith. | applications for the in- ons and patents as the 2) The undersigned ication or continuation in every way possible 3) The undersigned reprovisions of the Inter- 4) The undersigned reprovisions of a valid 5) The undersigned resulting from said app reproved the entire in 6) The undersigned | e Assignation of Assignation of Assignation of Assignation agreed Unite hereby lication thereby the Assignation of Assignation o | n, and any patent(s) Issuing then gnees may deem necessary. (s) to execute all papers necessa- ision thereof, or any patent or reis- training evidence and going forward. (s) to execute all papers and document of the execute all papers and document of the execute all papers and document of the execute at the patent to the Assignee. It is the execute at the execute of the execute of the execute (s) the firm of the execute | ary in connection with any application and a eon, and also to execute separate assignment my in connection with any interference which in sue application based thereon, for the invention of with such interference. uments and perform any act which may be in dustrial Property or similar agreements. It is which may be necessary to obtain, maintal Commissioner of Patents to issue any and all I gnee of the entire interest, and hereby covena (they have) not executed, and will not execute. | nay be declared concerning in, and to cooperate with the ecessary in connection with in or confirm by reissue or cellers Patents of the United into that he has (they have) any agreements in conflict any further identification. | | |
| documer | it. | | | | Three for recordation of this | | |
| | ur muress whereof, | 20 | ted by the undersigned on the C 77 | late(s) opposite the undersigned name(s). | | | |
| Date | teb, 1, | -2 12 | Name of Inver | ntor Hiroguki Sasaki | (SEAL) | | |
| Date | | | Name of Inver | ntor | (SEAL) | | |
| Date | | | Name of Inver | ntor | (SEAL) | | |
| Date | | | Name of Inver | ntor | (SEAL) | | |

PATENT REEL: 025756 FRAME: 0307

RECORDED: 02/07/2011