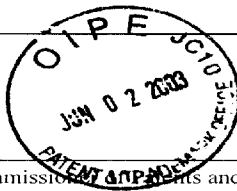


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PATENT NO. 102463598

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1. Name of conveying party(ies):

Naoki NISHIDA and Takuji HATANO

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

2. Name and Address of receiving party(ies):

Name: MINOLTA CO., LTD.

Street Address: Osaka Kokusai Building,
3-13, 2-Chome,
Azuchi-Machi, Chuo-Ku

City: Osaka-Shi Prefecture: Osaka

Country: JAPAN ZIP: 541-8556

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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☐ Other
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If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/354,347

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6. Total Number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

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REEL: 014118 FRAME: 0968

ASSIGNMENT

In consideration of the sum of One Dollar (U.S. \$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Naoki NISHIDA and Takuji HATANO

hereby sells, assigns and transfers to MINOLTA CO., LTD., a corporation duly organized under the laws of Japan, and having a place of business at Osaka Kokusai Building, 3-13, 2-Chome Azuchi-machi, Chuo-ku, Osaka-shi, Osaka, Japan, (hereinafter called Assignee) the entire right, title, and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

OPTICAL SWICH DEVICE

which application was filed by the undersigned on January 30, 2003 and accorded serial no. _____

including said application and any and all divisions, continuations, and substitutes thereof and any and all United States Letters Patents which may be granted therefor and any and all extensions, reissues, renewals or reexaminations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection.

Signed this 7th day of March, 2003.

Naoki Nishida
Naoki NISHIDA

Signed this 7th day of March, 2003.

Takuji Hatano
Takuji HATANO