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PATENTS ONLY

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1. Name of conveying party(ies):
 Kohtaro HAYASHI
 Tomokazu MASUBUCHI
 Tomokazu TAGUCHI

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: January 21, 2003; January 21, 2003;
 and January 22, 2003, respectively

2. Name and Address of receiving party(ies):
 Name: MINOLTA CO., LTD.
 Internal Address:
 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

11002 U.S. PTO
 10/354304
 01/30/03

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is:
January 21, 2003; January 21, 2003; and January 22, 2003, respectively

A. Patent Application No.(s)
10, 354 304

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: SIDLEY AUSTIN BROWN & WOOD LLP
 Internal Address: Attn: Thomas N. Tarnay
 Street Address: 717 North Harwood
 Suite 3400
 City: Dallas State: TX ZIP: 75201-6507

6. Total Number of applications and patents involved: 1

02/07/2003 6TOM11 00000017 181260 10354304
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7. Total fee (37 CFR 3.41).....\$ 40.00
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Signature

January 30, 2003
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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,

Kohtaro HAYASHI, Tomokazu MASUBUCHI and Tomokazu TAGUCHI

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

PROJECTION OPTICAL SYSTEM AND PROJECTOR USING THE SAME

which application was executed by the undersigned on

the 21st day of January, 2003;
the 21st day of January, 2003; and
the ~~22nd~~ day of January, 2003; respectively

22nd Jan. 22nd, 2003 Tomokazu Taguchi

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 21st day of January, 2003.

Kohtaro Hayashi
Kohtaro HAYASHI

Signed this 21st day of January, 2003.

Tomokazu Masubuchi
Tomokazu MASUBUCHI

Signed this 22nd day of January, 2003.

Tomokazu Taguchi
Tomokazu TAGUCHI