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1. Name of conveying party(ies): **3-11-03**
Haruo IWASAWA; Akihiro HAYASHI and Tsutomu SHIMOKAWA
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: JSR Corporation
Address: 2-11-24, Tsukiji, Chuo-ku Tokyo, JAPAN
Additional name(s) and address(es) attached? Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: Nov. 22, 2002; Nov. 22, 2002 and Nov. 25, 2002, respectively

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:
A. Patent Application No.(s)
10/309,017
Additional numbers attached? Yes No


B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
Supervisor, Patent Prosecution Services
PIPER RUDNICK LLP
1200 Nineteenth Street, N.W.
Washington, D.C. 20036-2412
Telephone No. (202) 861-3900
Facsimile No. (202) 223-2085

6. Total applications and patents involved: **1**
7. Total fee (37 CFR 3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 50-1442
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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.

Steven B. Kelber
Name of Person Signing

Signature
March 11, 2003
Date

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PATENT
REEL: 013840 FRAME: 0617

Assignment of Application

WHEREAS, I (WE) Haruo IWASAWA, Akihiro HAYASHI, and Tsutomu
SHIMOKAWA, each having an address of 4A Saison Yokkaichi, 3-14 Asahimachi,
Yokkaichi, Mie 510-0061, Japan, 2-8-5 Nakaasahigaoka, Suzuka, Mie 510-0212, Japan,
and 3-7-36 Sumiyoshi, Suzuka, Mie 513-0826, Japan

_____, respectively,
 have invented certain new and useful improvements in: RADIATION-SENSITIVE
RESIN COMPOSITION

for which an application for Letters Patent was executed on November 25, 2002

(Application No. 10/309,017 , Filed December 4, 2002), and

WHEREAS, JSR Corporation
 (hereinafter referred to as "ASSIGNEE") having a place of business at:
2-11-24, Tsukiji, Chuo-ku, Tokyo, Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Piper Marbury Rudnick & Wolfe LLP, Attorneys at Law, 1200 Nineteenth Street, N.W., Washington, D.C. 20036, the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 11/22 / 2002 Haruo Iwasawa
(Signature of Inventor) Haruo IWASAWA

Date: 11/22 / 2002 Akihiro Hayashi
(Signature of Inventor) Akihiro HAYASHI

Date: 11/25 / 2002 Tsutomu Shimokawa
(Signature of Inventor) Tsutomu SHIMOKAWA

Date: 11 _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

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