Docket No.:

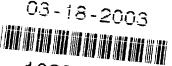
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S. DEPARTMENT OF COMMERCE Patent and Trademark Offic

To the Honorable Commissioner of Patents and Trademarks. Please record ients or copy thereof. 3-11-03 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Haruo IWASAWA; Akihiro HAYASHI and Tsutomu Name: JSR Corporation **SHIMOKAWA** Address: 2-11-24, Tsukiji, Chuo-ku Tokyo, JAPAN Additional name(s) of conveying party(ies) attached? □Yes ■No 3. Nature of Conveyance: ■ Assignment □ Merger ☐ Security Agreement □ Change of Name □ Other Nov. 22, 2002; Nov. 22, 2002 Additional name(s) and address(es) attached? □Yes ■No **Execution Date:** 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: B. Patent No.(s) A. Patent Application No.(s) 10/309,017 Additional numbers attached? □Yes ■No 6. Total applications and patents involved: 5. Name and address of party to whom correspondence 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Supervisor, Patent Prosecution Services PIPER RUDNICK LLP Enclosed 1200 Nineteenth Street, N.W. □ Authorized to be charged to deposit account Washington, D.C. 20036-2412 8. Deposit account number: 50-1442 Telephone No. (202) 861-3900 (Attach duplicate copy of this page if paying by deposit account) Facsimile No. (202) 223-2085 DO NOT USE THIS SPACE 9. Statement and signature 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. March 11, 2003 Steven B. Kelber Date Name of Person Signing Registration Number: 30,073 Total number of pages including this cover sheet: Do not detach this portion Mail documents to be recorded with required cover sheet information to: **Commissioner of Patents and Trademarks Box Assignments** Washington, D.C. 20231

> **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.

PATENT REEL: 013840 FRAME: 0618 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 assignce 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: 1/22 / 200 Z	Harvo Iwasawa
	(Signature of Inventor) Haruo IWASAWA
Date: 11/22/2002	Akihino Hayashi
	(Signature of Inventor) Akihiro HAYASHI
Date: 11/25/2002	(Signature of Inventor) Tsutomu SHIMOKAWA
	(Signature of Inventor) I Sutomu SHIMOKAWA
Date: _ //	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)

PIPER MARBURY RUDNICK & WOLFE LLP 1200 NINETEENTH STREET, N.W. WASHINGTON, D.C. 20036-2412

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RECORDED: 03/11/2003 REEL: 013840 FRAME: 0619