FORM: <b>PTO-1595</b> (Rev. 6-93) 542-012.006 REC  OMB No. 0651-0011 (exp. 4/94)	2004  HEET  U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab settings ⇔ ⇔ ▼ ▼	
To the Honorable Commissioner of Pate 10266	shed original documents or conv thereof
1. Name of conveying party(ies): 1.30-04	Name and address of receiving party(ies)
Mitsuo SHIBUTANI	The Nippon Synthetic
Additional name(s) of conveying party(ies) attached?   Yes No	Chemical Industry Co., Ltd. 1-88, Oyodonaka 1-chome Kita-ku, Osaka-shi Osaka-fu
3. Nature of conveyance:	JAPAN 68
Assignment	7 69(
☐ Security Agreement ☐ Change of Name	730
□ Other	542-012.006
Execution Date: December 25, 2003	Additional name(s) & address(es) attached?   Yes No
•	9039  n, the execution date of the application is:
	tached? ☐ Yes 🕅 No
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved:
Francis J. Maguire	7. Total fee (37 CFR 3.41)
WARE, FRESSOLA, VAN DER SLUYS , & ADOLPHSON LLP	X Enclosed
755 Main Street, PO Box 224 Monroe CT 06468	☐ Authorized to be charged to deposit account
05/2004 FFAMAEIA 00000016 10769039	
FC:8021 40.00 OP	8. Deposit account number:
Eve Moil No HV 20220000 Mg	23-0442
Exp. Mail No. EV 393300860 US	(Attach duplicate copy of this page if paying by deposit account)
DO NOT US	E THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing informathe original document.  To the best of my knowledge and belief, the foregoing information the original document.	nation is true and correct and any attached copy is a true copy of
Francis J. Maguire  Name of Person Signing  Total number of pages including	Signature Cover sheet, attachments, and document:

REEL: 014952 FRAME: 0378

Practitioner's Docket No	PATENT
	For: ☑ U.S. and/or ☑ Foreign Rights
	For: U.S. Application or
	□ U.S. Provisional Application
	For: 🛛 U.S. Patent
	For: PCT Application
	By: ☐ Inventor(s) or ☐ Present Owner
ASSI	GNMENT OF INVENTION
\$1.00), the receipt of which is to consideration,	nt by ASSIGNEE to ASSIGNOR of the sum of One Dollar hereby acknowledged, and for other good and valuable
ASSIGNOR:	Mitsuo Shibutani
nventor(s) or person(s) or	
entity(ies) who own the nvention	(type or print name(s) of ASSIGNOR(S))  c/o The Nippon Synthetic Chemical Industry
	Co., Ltd., Central Research Laboratory,
	Address 13-1, Muroyama 2-chome, Ibaraki-shi,
	Osaka-fu, Japan
	Osaka-Iu, Dapaii
	Japanese
	Nationality
	or entity to whom invention was previously assigned recorded in PTO, add the following)
Recorded on	Reel
	Frame
hereby sells, assigns and transfe	ers to
ASSIGNEE:	The Nippon Synthetic Chemical Industry Co., Ltd.
	(type or print name(s) of ASSIGNEE(S))
	1-88, Oyodonaka 1-chome, Kita-ku,
	Address
	Osaka-shi, Osaka-fu, Japan
	Japan
	Nationality
•	· seasor marky

and the successors, assigns and legal representatives of the ASSIGNEE

(Assignment of Invention [16-3]-page 1 of 3)

PATENT REEL: 014952 FRAME: 0379

## (complete one of the following)

	X	the entire right, title and interest
		an undivided percent (%) interest
for the	e Ur	nited States and its territorial possessions
		(check the following box, if foreign rights are also to be assigned)
	X	and in all foreign countries, including all rights to claim priority,
DISPER	SIN	any and all improvements which are disclosed in the invention entitled: G AGENT COMPRISING VINYL ALCOHOL POLYMER HAVING CONJUGATED DOUBLE
BONDS	IN	ITS MOLECULE Mitsuo Shibutani
Name	of	inventor(s)Mitsuo Shibutani
and v	vhich	(check and complete (a), (b), (c), (d), (e), (f), or (g))  n is found in (37 C.F.R. § 3.21)
(a)	X	U.S. patent application executed on even date herewith
(b)		U.S. patent application executed on
(c)		U.S. provisional application naming the above inventor(s) for the above-entitled invention.
		Express mail label no.:
		Mailed:
		To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
(d)		U.S. application no. /
		filed on
(e)		International appliciation no. PCT///
<b>(f)</b>		U.S. patent no issued
		<ul> <li>A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.</li> </ul>
		(also check (g), if foreign application(s) is also being assigned)
(g)		and any legal equivalent thereof in a foreign country, including the right to claim priority
or an	у со	d to, all Letters Patent to be obtained for said invention by the above application ntinuation, division, renewal, or substitute thereof, and as to letters patent any re-examination thereof.
400	SICK	IOP horaby appared that as assignment as a second as a

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(Assignment of Invention [16-3]-page 2 of 3)

PATENT REEL: 014952 FRAME: 0380 or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 25th day December, 2003 Date of signing WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above. mitsus Shibutant Date: December 25, 2003 Signature of ASSIGNOR(S) Mitsuo Shibutani Date: Date: Date: (if ASSIGNOR is a legal entity, complete the following information) (type or print the name of the above person authorized to sign on behalf of ASSIGNOR) Title NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

□ Notarization or Legalization Page Added.

RECORDED: 01/30/2004

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments

PATENT REEL: 014952 FRAME: 0381

(Assignment of Invention [16-3]—page 3 of 3)