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To the Director of the United States Patent and Trademark Uttice. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): 1.) Yoshinori KYOTANI 6.) Shunji TAKEMURA KOWA CO., LTD. Name: 2.) Tomoyuki KOSHI 7.) Kyoko YASUOKA Address: 6-29, Nishiki 3-chome, Naka-ku, Nagoya-shi, 8.) Junko TOTSUKA 3.) Hiromichi SHIGYO Aichi 460-8625 JAPAN 4.) Hideo YOSHIZAKI 9.) Seiichi SATO 5.) Takahiro KITAMURA Additional name(s) of conveying party(ies) attached? \(\subseteq\) Yes \(\begin{array}{c}\) No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: April 24, 24, 24, 30, 24, 24, 25, 24, Additional name(s) and address(es) attached?

Yes
No and 24, 2003 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) 10/396,726 Additional numbers attached? ☐ Yes 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Enclosed ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) 09/28/2003 DE/RNE 00000006 10396726 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 copylof the original document. Norman F. Oblon Name of Person Signing Signature Registration Number: 24,618 Total number of pages including this cover sheet: 4 Do not detach this portion Mail documents to be recorded with required cover sheet information to:

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> > **PATENT** REEL: 014431 FRAME: 0689

Assignment of Application

Page 1 of 3

	WHEREAS, I (WE)	(1) Yoshinori KYOTANI (2) Tomoyuki KOSHI (3) Hiromichi SHIGYO		
SERT NAMES D RESIDENCE		(4) Hideo YOSHIZAKI (5) Takahiro KITAMURA (6) Shunji TAKEMURA		
DRESS OF E INVENTORS		(7) Kyoko YASUOKA (8) Junko TOTSUKA (9)Seiichi SATO		
		of the follwing address:		
		1) 1293-10-2-112, Tateno 3-chome, Higashiyamato-shi, Tokyo 207-0021 JAPAN		
		2) 4-4-206, Tate 2-chome, Shiki-shi, Saitama 353-0006 JAPAN		
		3) 18-18, Yotsuya 6-chome, Fuchu-shi, Tokyo 183-0035 JAPAN		
		4) 459-16, Kitairiso, Sayama-shi, Saitama 350-1315 JAPAN		
		5) 25-7, Akitsucho 1-chome, Higashimurayama-shi, Tokyo 189-0001 JAPAN		
	6) 31-18, Owadacho 5-chome, Hachioji-shi, Tokyo 192-0045 JAPAN			
	7) 19-3-305, Shinbori 3-chome, Higashiyamato-shi, Tokyo 207-0012 JAPAN			
		8) 9-21, Sakaecho 2-chome, Asaka-shi, Saitama 351-0012 JAPAN		
		9) 4-1-202, Kamiogi 4-chome, Suginami-ku, Tokyo 167-0043 JAPAN , respect	ively,	
SERT TITLE INVENTION:	have invented certain new and useful improvements in: WATER-SOLUBLE PHENYLPYRIDAZINE			
	COMPOUNDS AND COMPOSITIONS CONTAINING THE SAME			
SERT DATE IN- NTORS SIGNED CLARATION:	for which an application for Letters Patent was executed on April 24,25 and 30, 2003			
20073434	(Application No. 10	/396,726 , filed March 26, 2003), and	
SERT NAME ID ADDRESS OF MPANY OR HER ASSIGNEE	WHEREAS, KO	OWA CO., LTD.		
	(hereinafter referred to as "ASSIGNEE") having a place of business at: 6-29, Nishiki 3-chome, Naka-ku,			
	Nagoya-shi, Aichi 460-8625 JAPAN			
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that			

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 therefore 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 behoof 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.

10/01

PATENT REEL: 014431 FRAME: 0690 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 Letter 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 Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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:	April 24.2003	(Signature of Inventor) Yoshinori KYOTANI
		(Signature of Inventor) Yoshinori KYOTANI
Date:	April 24, 2003	(Signature of Inventor) Tomoyuki KOSHI
Date:	April 24, 2003	(Signature of Inventor) Hiromichi SHIGYO
		(Signature of Inventor) Hiromichi SHIGYO
Date:	April 20, 2003	Idideo Yoshijaki (Signature of Inventor) Hideo YOSHIZAKI
		(Signature of Inventor) Hideo YOSHIZAKI
Date:	April 24, 2003	Takahiro Kitamura
•		(Signature of Inventor) Takahiro KITAMURA
Date:	April 24,2003	Thunge Takamerra
•		(Signature of Inventor) Shunji TAKEMURA
Date:	April. 25. 2003	Kyoho Yasuoha (Signature of Inventor) Kyoko YASUOKA
•		(Signature of Inventor) Kyoko YASUOKA
Date:	April 24,2003	Junko Totsuka
•		(Signature of Inventor) Junko TOTSUKA

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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 Letter 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.

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Date:	April 24, 2003	Peiichi Pato
		(Signature of Inventor) Seiichi SATO
Date:		
		(Signature of Inventor)
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RECORDED: 08/26/2003

PATENT REEL: 014431 FRAME: 0692