FORM

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ation, the execution date of the application is: September 14,		
B. Patent No.(s)		
bers attached? NO		
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REEL: 012571 FRAME: 0667

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)	<u>K</u>
of Inventor(s)	<u>H</u>

Kazuhiro OHKOUCHI and

Hiroyoshi KOYAMA

the undersigned hereby sell(s) and assign(s) to

Insert Name(s) of Assignee(s)

Takeda Chemical Industries, Ltd.

of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of Invention

Address

OUICKLY DISINTEGRATING SOLID PREPARATIONS

for which an application for patent in the United States has been executed by the undersigned

Date of Signing of Application

on September 14, 2001

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

PATENT REEL: 012571 FRAME: 0668

name(s).	y the undersigned on the date(s) opposite the undersigned	
Date 2001/09/14, Na	ame of the Inventor Kazukiro Okkouchi	
Date 2001/09/14, Na	ame of the Inventor) two yosh Koyama	
	ame of the Inventor	
Date, Na	ame of the Inventor	
Date, Na	ame of the Inventor	
Date, Na	ame of the Inventor	
Date, Na	ame of the Inventor	
	ably be acknowledged before a United States Consul. If not, hould be witnessed by at least two witnesses who sign here.)	
Witness <u>Masahiho</u>	Koike (Masahiko KOIKE)	
Witness Mrom	Hamaguel (Naoru HAMAGUCHI)	
ACKNOWLEDGMENT		
}	ss	
personally came the above-named me	ay of, 20, before me personally known as the individual(s) who executed the eledge to me that he (they) executed the same of his (their) own rth.	
SEAL	Official Signature	
	Official Title	
The above application may be n	nore particularly identified as follows:	
· · · · · · · · · · · · · · · · ·	Filing Date	
Applicant Reference Number	Atty Docket No.	

2

Title of Invention _____

RECORDED: 12/17/2001

PATENT REEL: 012571 FRAME: 0669