

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hideo ASANO</td><td>06/26/2008</td></tr><tr><td>Akio NAKA</td><td>06/26/2008</td></tr><tr><td>Hirokazu NIWA</td><td>06/26/2008</td></tr><tr><td>Tomoyuki KUWAMOTO</td><td>06/30/2008</td></tr><tr><td>Hiroyasu WATABE</td><td>06/26/2008</td></tr><tr><td>Yoshiyuki SHIOTANI</td><td>06/26/2008</td></tr></tbody></table>	Name	Execution Date	Hideo ASANO	06/26/2008	Akio NAKA	06/26/2008	Hirokazu NIWA	06/26/2008	Tomoyuki KUWAMOTO	06/30/2008	Hiroyasu WATABE	06/26/2008	Yoshiyuki SHIOTANI	06/26/2008	
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<table border="1"><tr><td>Name:</td><td>NIPPON SHOKUBAI CO., LTD.</td></tr><tr><td>Street Address:</td><td>1-1, Koraibashi 4-chome Chuo-ku</td></tr><tr><td>City:</td><td>Osaka-shi</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>541-0043</td></tr></table>	Name:	NIPPON SHOKUBAI CO., LTD.	Street Address:	1-1, Koraibashi 4-chome Chuo-ku	City:	Osaka-shi	State/Country:	JAPAN	Postal Code:	541-0043					
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CORRESPONDENCE DATA															
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ATTORNEY DOCKET NUMBER:	247322007500														

CH \$40.00 12280789

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PATENT  
REEL: 022384 FRAME: 0483

NAME OF SUBMITTER:

Michael R. Ward

Total Attachments: 2

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**ASSIGNMENT  
JOINT**

THIS ASSIGNMENT, by 1) Hideo ASANO, 2) Akio NAKA, 3) Hirokazu NIWA, 4) Tomoyuki KUWAMOTO, 5) Hiroyasu WATABE, 6) Yoshiyuki SHIOTANI (hereinafter referred to as the assignors), residing at 1) 3-5-24, Chifune Nishiyodogawa-ku Osaka-shi Osaka 555-0013 Japan, 2) 2-54-16-708, Hara-cho Suita-shi Osaka 564-0004 Japan, 3) 9-10-206, Takashiro-cho Suita-shi Osaka 564-0024 Japan, 4) 2185-6, Oshikuma-cho Nara-shi Nara 631-0011 Japan, 5) 4-52-C303, Nakanoshima-cho Suita-shi Osaka 564-0035 Japan, 6) 2152, Kaminogo Izumisano-shi Osaka 598-0024 Japan, respectively, witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements in **RETARDATION FILM** set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; bearing Serial No.      and filed on **February 27, 2007 (based on PCT/JP2007/053570)**,

WHEREAS, **NIPPON SHOKUBAI CO., LTD.**, a corporation duly organized under and pursuant to the laws of Japan and having its principal place of business at 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 Japan (hereinafter referred to as the assignee\*) is desirous of acquiring the entire right, title and interest in and to said inventions and said provisional application and any application for Letters Patent claiming priority thereto, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee\*, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, provisional patent application and application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all conversions, divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee\*, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee\* its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the provisional patent application above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee\*, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, provisional patent application, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee\*, its successors, legal representatives and assigns, but at the cost and expense of said assignee\*, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee\* as the assignee\* of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee\*, its successors, legal representatives and assigns.

June 26, 2008  
Date

Hideo Asano  
1) Hideo ASANO

June 26, 2008  
Date

Akio Naka  
2) Akio NAKA

June 26, 2008  
Date

June 30, 2008  
Date

June 26, 2008.  
Date

June 26, 2008.  
Date

sf-2446347

Hirokazu Niwa  
3) Hirokazu NIWA

Tomoyuki Kuwamoto  
4) Tomoyuki KUWAMOTO

Hiroyasu Watabe  
5) Hiroyasu WATABE

Yoshiyuki Shiotani  
6) Yoshiyuki SHIOTANI