

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Kazumasa Suetsugu</td> <td>01/22/2008</td> </tr> <tr> <td>Shin Kumagai</td> <td>01/22/2008</td> </tr> <tr> <td>Hiroshi Miura</td> <td>01/22/2008</td> </tr> </tbody> </table>		Name	Execution Date	Kazumasa Suetsugu	01/22/2008	Shin Kumagai	01/22/2008	Hiroshi Miura	01/22/2008
Name	Execution Date								
Kazumasa Suetsugu	01/22/2008								
Shin Kumagai	01/22/2008								
Hiroshi Miura	01/22/2008								
RECEIVING PARTY DATA									
Name:	TOSOH CORPORATION								
Street Address:	4560, Kaisei-cho, Shunan-shi								
City:	Yamaguchi-ken								
State/Country:	JAPAN								
Postal Code:	746-8501								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12025264</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12025264				
Property Type	Number								
Application Number:	12025264								
CORRESPONDENCE DATA									
Fax Number:	7037161180								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	703-716-1191								
Email:	gbpatent@gbpatent.com								
Correspondent Name:	Greenblum & Bernstein, P.L.C.								
Address Line 1:	1950 Roland Clarke Place								
Address Line 4:	Reston, VIRGINIA 20191								
ATTORNEY DOCKET NUMBER:	P33770								
NAME OF SUBMITTER:	Walter Schlapkohl								
Total Attachments: 4 source=Assignment (01614528)#page1.tif source=Assignment (01614528)#page2.tif source=Assignment (01614528)#page3.tif source=Assignment (01614528)#page4.tif									

OP \$40.00 12025264

TS-424-US
(200-2700US)

ASSIGNMENT

WHEREAS, Kazumasa Suetsugu, a citizen of Japan, whose post office address is 775-14, Tategahama, Hirao-cho, Kumage-gun, Yamaguchi-ken, Japan, Shin Kumagai, a citizen of Japan, whose post office address is 2-10-20-102, Miyanomae, Shunan-shi, Yamaguchi-ken, Japan and Hiroshi Miura, a citizen of Japan, whose post office address is 1-14-303, Hanazono-cho, Shunan-shi, Yamaguchi-ken, Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

ELECTROLYTIC MANGANESE DIOXIDE,
AND METHOD FOR ITS PRODUCTION AND ITS APPLICATION

for which they have jointly executed, on the same date as this assignment, an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043, Andrew M. Calderon, Reg. No. 38,093, William E. Lyddane, Reg. No. 41,568 and William S. Boshnick, Reg. No. 44,550, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 12/025,264, filed 2/4/2008) the filing date and application number of said application when known.

AND WHEREAS, TOSOH CORPORATION, a corporation organized and existing under the laws of the State of Japan, whose post-office address is 4560, Kaisei-cho, Shunan-shi, Yamaguchi-ken, 746-8501 Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said

ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by Kazumasa Suetsugu, this ____ day of Jan. 22 2008 at (address) 775-14, Tategahama, Hirao-cho, Kumage-gun, Yamaguchi-ken, Japan.

First Witness:

Yasushi Ohsaki

(Name)

Jan. 23, 2008

(Date)

Kazumasa Suetsugu

Kazumasa Suetsugu

Second Witness:

Masaki Ohsaki

(Name)

Jan. 23, 2008

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Shin Kumagai, this Jan. 22 day of 2008, at (address) 2-10-20-102, Miyanomae, Shunan-shi, Yamaguchi-ken, Japan.

First Witness:

Yasushi Ohsaki

(Name)

Jan. 23, 2008

(Date)

Shin Kumagai
Shin Kumagai

Second Witness:

Masahiro Ohada

(Name)

Jan. 23, 2008

(Date)

IN TESTIMONY WHEREOF, this assignment is executed by Hiroshi Miura this Jan 22 day of 2008, at (address) 1-14-303, Hanazono-cho, Shunan-shi, Yamaguchi-ken, Japan.

First Witness:

Yasushi Ohsaki

(Name)

Jan. 23, 2008

(Date)

Hiroshi Miura

Hiroshi Miura

Second Witness:

Masaki Ohada

(Name)

Jan. 23, 2008

(Date)