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<p>3. Nature of Conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other</p> <p>Execution Date: March 25, and 19, 2004</p>	

4. Application number(s) or patent number(s):

This document is being filed together with a new application

<p>A. Patent Application No.(s)          10/817,839</p>	<p>B. Patent No.(s)</p>
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Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Customer Number  <b>22850</b>          Tel. (703) 413-3000          Fax. (703) 413-2220</p>	<p>6. Total applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00  <input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 15-0030          (Attach duplicate copy of this page if paying by deposit account)</p>
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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

<p>_____          Name of Person Signing</p>	<p>          Signature</p>	<p><b>6/30/04</b>          Date</p>
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PATENT REEL: 015527 FRAME: 0199

# Assignment of Application

WHEREAS, I (WE) Hiroaki WAKAYAMA, Flat 1, 21 Tyndalls Park Road, Clifton, Bristol, BS8 1PQ, UK,  
Yoshiaki FUKUSHIMA, 1407 Yamanota, Nagakute-cho, Aichi-gun, Aichi-ken  
480-1113 Japan

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: Method of Manufacturing Carbonate Film,  
Carbonate Composite Material, and Method of Manufacturing the Same

INSERT DATE INVENTORS SIGNED DECLARATION:

for which an application for Letters Patent was executed on March 25, and March 19, 2004  
 (Application No. 10/817,839, filed April 6, 2004), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

WHEREAS, KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO  
 (hereinafter referred to as "ASSIGNEE") having a place of business at: 41-1, Aza Yokomichi, Oaza Nagakute,  
Nagakute-cho, Aichi-gun, Aichi-ken 480-1192 Japan

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.

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 1940 Duke Street Alexandria, Virginia 22314 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: 25 March 2004 Hiroaki Wakayama  
(Signature of Inventor) Hiroaki WAKAYAMA

Date: 019-March, 04 Yoshiaki Fukushima  
(Signature of Inventor) Yoshiaki FUKUSHIMA

Date: \_\_\_\_\_ \_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_ \_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_ \_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_ \_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_ \_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_ \_\_\_\_\_  
(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

03/03