**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

### SUBMISSION TYPE:
NEW ASSIGNMENT

### NATURE OF CONVEYANCE:
ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hiroshi MURATA</td>
<td>07/28/2009</td>
</tr>
<tr>
<td>Hirosuke NARUTO</td>
<td>07/28/2009</td>
</tr>
</tbody>
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### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Asahi Kasei E-materials Corporation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>1-105 Kanda Jinbocho, Chiyoda-ku</td>
</tr>
<tr>
<td>City</td>
<td>Tokyo</td>
</tr>
<tr>
<td>State/Country</td>
<td>JAPAN</td>
</tr>
<tr>
<td>Postal Code</td>
<td>101-8101</td>
</tr>
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### PROPERTY NUMBERS Total: 1

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<tr>
<th>Property Type</th>
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<tr>
<td>Application Number</td>
<td>12525232</td>
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### CORRESPONDENCE DATA

- **Fax Number:** (202)408-4400  
  *Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*
- **Phone:** 2024084000  
- **Email:** bernie.carson@finnegan.com  
- **Correspondent Name:** FINNEGAN  
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- **Address Line 4:** WASHINGTON DC, DISTRICT OF COLUMBIA 20001

### ATTORNEY DOCKET NUMBER:
10997.0007

### NAME OF SUBMITTER:
B.Carson

Total Attachments: 3  
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source=ASSIGNMENT#page2.tif  
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ASSIGNMENT

契約譲渡証

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s,) transfer(s) and set(s) over to: Asahi Kasei F-materials Corporation having the address:

1-105 Kanda jinbocho, Chiyoda-ku, Tokyo 101-8101 Japan
(hereinafter designated as the “ASSIGNEE”), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, 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 and enjoyed by assignor(s) if this assignment had not been made, the application being known by the title:

MULTILAYER POROUS MEMBRANE AND PRODUCTION METHOD THEREOF

Attorney Docket No.:
for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Filling Date: January 23, 2008
International Filing Number: PCT/JP2008/050874
US Serial No.
1. 文末に署名した者は、上記の申請、またはその継続
2. 出願、一部継続出願、さしかえ出願、分割出願、更新出願、再審査出願、または再発行出願、またはあらゆる補正、抵触審査手続の延長、又はその他権原を譲受人が確保するために必要なあらゆる文書を署名、執行することに同意する。

2. 文末に署名した者は、工業所有権の保護に関する国際条約または同様な条約のクレームまたは条項に関連して必要となるすべての文書を署名、執行し、必要な行為を行うことに同意する。

3. 文末に署名した者は、譲受人に有効な米国特許を取得させるために必要なすべての積極的な行為を実行することに同意する。

4. 文末に署名した者は、アメリカ合衆国の特許庁長官に対して、当該特許申請またはそれにに基づくすべての分割、継続申請から生じるすべての特許許を当該譲受人に発行するように、請願する。

5. 文末に署名した者は、本状の登記に当りアメリカ合衆国特許庁の規則に従って必要であり、望ましいような識別情報をこの譲渡書に記入する権利を______法律事務所に委任するものとする。

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. 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 of similar agreements.

3. 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.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. the power to insert on this agreement any further identification 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.
以上を確認のうえで、下記の者が下記の氏名に並んで記された日に各自、署名して本書を発効させるものである。

年月日 氏名（楷書）：

年月日 氏名（楷書）：

本譲渡書はアメリカ合衆国公証人または下記に署名する少なくとも2名の証人の前で署名されるものとする。

年月日 氏名（楷書）：

年月日 氏名（楷書）：

年月日 氏名（楷書）：

年月日 氏名（楷書）：

年月日 氏名（楷書）：

IN WITNESS THEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

July 28, 2009 Hiroshi Murata
Date Typed Name: Hiroshi MURATA

July 28, 2009 Hiroseke NARUTO
Date Typed Name: Hiroseke NARUTO

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

July 28, 2009 Hiroshi HATAYAMA
Date Typed Name: Hiroshi HATAYAMA

July 28, 2009 Yukiie EMURA
Date Typed Name: Yukiie EMURA

July 28, 2009 Takeshi ONIZAWA
Date Typed Name: Takeshi ONIZAWA

July 28, 2009 YOKO SAIITO
Date Typed Name: YOKO SAIITO