# Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | CORRECTIVE ASSIGNMENT   |
|-----------------------|---|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the Spelling of inventor name previously recorded on Reel 015070 Frame 0726. Assignor(s) hereby confirms the Konda, Akihiko. |

## **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| Akihiko Kondo     | 07/30/2003     |
| Hideki Fukuda     | 07/30/2003     |
| Takeshi Matsumoto | 07/30/2003     |
| Hideo Noda        | 07/31/2003     |

### RECEIVING PARTY DATA

| Name:             | Kansai Chemical Engineering, Co., Ltd. |  |
|-------------------|--|--|
| Street Address:   | 9-7 Minaminanamatsucho 2-Chome         |  |
| Internal Address: | Amagasaki-Shi                          |  |
| City:             | Hyogo                                  |  |
| State/Country:    | JAPAN                                  |  |
| Postal Code:      | 600-0053                               |  |

### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 10474431 |

# **CORRESPONDENCE DATA**

Fax Number: (703)591-5907

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Phone: 703-591-2664

Email: janet.wright.@jagtiani.com

Correspondent Name: Ajay Jagtiani

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NAME OF SUBMITTER: Ajay Jagtiani

Total Attachments: 4

PATENT REEL: 015182 FRAME: 0972

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source=NANJ-0008-1 10,474,431 (AK)#page1.tif source=NANJ-0008-1 10,474,431 (HF)#page1.tif source=NANJ-0008-1 10,474,431 (HN)#page1.tif source=NANJ-0008-1 10,474,431 (TM)pdf#page1.tif

> PATENT REEL: 015182 FRAME: 0973

WHEREAS. HIDEKI FUKUDA, AKIHIKO KONDO AND TAKESHI MATSUMOTO, whose post office addresses appear below (hereinafter referred to as Assignor), have invented certain new and useful improvements in an Cell Surface Layer-Binding Protein and Utilization Thereof (hereinafter referred to as The Invention) for which an application for United States Letters Patent was filed concurrently herewith, Serial Number: \_\_\_\_\_\_;

WHEREAS, KANSAI CHEMICAL ENGINEERING CO., LTD., whose post office address is 9-7, Minaminanamatsucho 2-chome, Amagasaki-shi, Hyogo 660-0053 JAPAN, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we. Assignor, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded Assignor under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNOE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to transfer the right to sue for past infringement to ASSIGNEE and at ASSIGNEE'S request documents and information concerning the enforcement of the right to sue within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNOR'S obligations under this instrument shall extend to Assignor's heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Mr. Hideki FUKUDA

8-13, Syofuudai 1-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0871 JAPAN

Signature

kilikis Kindo

Date: July 30, 2003

Mr. Akihiko KONDO

1-2-806, Shinoharaobanoyamacho 1-chome, Nada-ku, Kobe-shi, Hyogo 657-0015 JAPAN

Signature
July 30. 2003

Mr. Takeshi MATSUMOTO

Room 308, Koyo Haitsu, 8-21, Shinoharadai, Nada-ku, Kobe-shi, Hyogo 657-0016 JAPAN

<u>Jakeshi Matsumo to</u> Signature

Date:

PATENT REEL: 015182 FRAME: 0974

WHEREAS. HIDEKI FUKUDA, AKIHIKO KONDO AND TAKESHI MATSUMOTO, whose post office addresses appear below (hereinafter referred to as Assignor), have invented certain new and useful improvements in an Cell Surface Layer-Binding Protein and Utilization Thereof (hereinafter referred to as The Invention) for which an application for United States Letters Patent was filed concurrently herewith, Serial Number: \_\_\_\_\_\_;

WHEREAS, KANSAI CHEMICAL ENGINEERING Co., LTD., whose post office address is 9-7, Minaminanamatsucho 2-chome, Amagasaki-shi, Hyogo 660-0053 JAPAN, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we. Assignor, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded Assignor under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNOE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to transfer the right to sue for past infringement to ASSIGNEE and at ASSIGNEE'S request documents and information concerning the enforcement of the right to sue within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNOR'S obligations under this instrument shall extend to Assignor's heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Mr. Hideki FUKUDA

8-13, Syofuudai 1-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0871 JAPAN

Signature

kilikis Kindo

Date: July 30, 2003

Mr. Akihiko KONDO

1-2-806, Shinoharaobanoyamacho 1-chome, Nada-ku, Kobe-shi, Hyogo 657-0015 JAPAN

Signature
30, 2003

Mr. Takeshi MATSUMOTO

Room 308, Koyo Haitsu, 8-21, Shinoharadai, Nada-ku, Kobe-shi, Hyogo 657-0016 JAPAN

<u>Jakeshir Matoumo to</u> Signature

Date:

PATENT REEL: 015182 FRAME: 0975

WHEREAS, HIDEO NODA, whose post office addresses appear below (hereinafter referred to as Assignor), have invented certain new and useful improvements in an Cell Surface Layer-Binding Protein and Utilization Thereof (hereinafter referred to as The Invention) for which an application for United States Letters Patent was filed concurrently herewith, Serial Number: \_\_\_\_\_\_\_;

WHEREAS, KANSAI CHEMICAL ENGINEERING Co., Ltd., whose post office address is 9-7, Minaminanamatsucho 2-chome, Amagasaki-shi, Hyogo 660-0053 JAPAN, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, Assignor hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of Assignee in and to said invention, all without further consideration. Assignor also agrees, without further consideration and at Assignee's expense, to identify and communicate to Assignee at Assignee's request documents and information concerning the invention that are within Assignor's possession or control, and to provide further assurances and testimony on behalf of Assignee that lawfully may be required of Assignor in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to transfer the right to sue for past infringement to ASSIGNEE and at ASSIGNEE's request documents and information concerning the enforcement of the right to sue within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behalf; and for the use and behalf of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Mr. Hideo NODA

9-7, Minaminanamatsucho 2-chome, Amagasaki-shi, Hyogo 660-0053 JAPAN

Date:

July 31, 2003

WHEREAS, HIDEKI FUKUDA, AKIRIKO KONDO AND TAKESHI MATSUMOTO, whose post office addresses appear below (hereinafter referred to as Assignor), have invented certain new and useful improvements in an Cell Surface Layer-Binding Protein AND UTILIZATION THEREOF (hereinafter referred to as The Invention) for which an application for United States Letters Patent was filed concurrently herewith, Serial Number:

WHEREAS, KANSAI CHEMICAL ENGINEERING Co., LTD., whose post office address is 9-7, Minaminanamatsucho 2-chome, Amagasaki-shi, Hyogo 660-0053 JAPAN, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we. Assignor, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded Assignon under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, Assignor hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of Assignee in and to said invention, all without further consideration. Assignor also agrees, without further consideration and at Assignee's expense, to identify and communicate to Assignee at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of Assignee that lawfully may be required of Assignor in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument,

Assignor also agrees, without further consideration and at Assignee's expense, to transfer the right to sue for past infringement to Assignee and at Assignee's request documents and information concerning the enforcement of the right to sue within Assignor's possession or control, and to provide further assurances and testimony on behalf of Assignee that lawfully may be required of Assignor in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to Assignee of the entire right, title and interest in and to the same, for Assignee's sole use and behalf; and for the use and behalf of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.

Mr. Hideki FUKUDA

8-13, Syofuudai 1-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0871 JAPAN

Signature

Skilikes Kindo

Date: July 30, 2003

Mr. Akihiko KONDO

1-2-806, Shinoharaobanoyamacho 1-chome, Nada-ku, Kobe-shi, Hyogo 657-0015 JAPAN

Mr. Takeshi MATSUMOTO

Room 308, Koyo Haitsu, 8-21, Shinoharadai, Nada-ku, Kobe-shi, Hyogo 657-0016 JAPAN

Takeshi Matsumoto Signature

Date:

**PATENT** REEL: 015182 FRAME: 0977

RECORDED: 09/27/2004