

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7177146

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | CHANGE OF NAME |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| AZDEL, INC. | 08/17/2011 |
| RECEIVING PARTY DATA | |
| Name: | HANWHA AZDEL, INC |
| Street Address: | 2000 ENTERPRISE DRIVE |
| City: | FOREST |
| State/Country: | VIRGINIA |
| Postal Code: | 24551 |
| PROPERTY NUMBERS Total: 5 | |
| Property Type | Number |
| Patent Number: | 7318498 |
| Patent Number: | 7431980 |
| Patent Number: | 7482048 |
| Patent Number: | 7972685 |
| Patent Number: | 7759267 |
| CORRESPONDENCE DATA | |
| Fax Number: | (540)266-1958 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Phone: | 5409040398 |
| Email: | crhodes@rhodesip.com |
| Correspondent Name: | RHODES IP PLC |
| Address Line 1: | PO BOX 21609 |
| Address Line 2: | STE F |
| Address Line 4: | ROANOKE, VIRGINIA 24018 |
| ATTORNEY DOCKET NUMBER: | HANAZD-9000 |
| NAME OF SUBMITTER: | CHRISTOPHER RHODES |
| SIGNATURE: | /Christopher Rhodes/ |
| DATE SIGNED: | 02/15/2022 |
| Total Attachments: 3 | |

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Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "AZDEL, INC.", CHANGING ITS NAME FROM "AZDEL, INC." TO "HANWHA AZDEL, INC.", FILED IN THIS OFFICE ON THE SEVENTEENTH DAY OF AUGUST, A.D. 2011, AT 5:27 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE FIRST DAY OF SEPTEMBER, A.D. 2011.



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You may verify this certificate online
at corp.delaware.gov/authver.shtml


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 8976720

DATE: 08-17-11

PATENT
REEL: 059115 FRAME: 0509

STATE OF DELAWARE
CERTIFICATE OF AMENDMENT
OF CERTIFICATE OF INCORPORATION

The corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware does hereby certify:

FIRST: That at a meeting of the Board of Directors of

AZDEL, INC.

resolutions were duly adopted setting forth a proposed amendment of the Certificate of Incorporation of said corporation, declaring said amendment to be advisable and calling a meeting of the stockholders of said corporation for consideration thereof. The resolution setting forth the proposed amendment is as follows:

RESOLVED, that the Certificate of Incorporation of this corporation be amended by changing the Article thereof numbered " First " so that, as amended, said Article shall be and read as follows:

The name of the Corporation is Henwha Azdel, Inc.

SECOND: That thereafter, pursuant to resolution of its Board of Directors, a special meeting of the stockholders of said corporation was duly called and held upon notice in accordance with Section 222 of the General Corporation Law of the State of Delaware at which meeting the necessary number of shares as required by statute were voted in favor of the amendment.

THIRD: That said amendment was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.

FOURTH: The effective date for this amendment is September 1, 2011.

IN WITNESS WHEREOF, said corporation has caused this certificate to be signed this 19th day of August, 2011.

AZDEL, INC.

By: Harry Lee

Title: Chief Financial Officer

Name: HARRY LEE
Print or Type

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "HANWHA AZDEL, INC." IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE FIRST DAY OF SEPTEMBER, A.D. 2011.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "HANWHA AZDEL, INC." WAS INCORPORATED ON THE TWENTY-EIGHTH DAY OF AUGUST, A.D. 1986.

AND I DO HEREBY FURTHER CERTIFY THAT THE FRANCHISE TAXES HAVE BEEN PAID TO DATE.

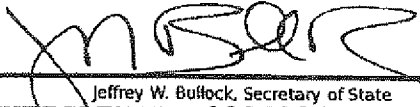
AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL REPORTS HAVE BEEN FILED TO DATE.

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You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 9006399

DATE: 09-01-11