PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1 1

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| SUBMISSION TYPE: | | | NEW ASSIGNMENT | | | | | | | |
|--|-------------|----------|--------------------------------------|----------------|----------|--|--|--|--|--|
| NATURE OF CONVE | YANCE: | | ASSIGNMENT | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | |
| | | N | lame | Execution Date | | | | | | |
| Rathin Datta | | | | 09/02/2009 | | | | | | |
| Ralph Corley | | | | 09/09/2009 | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | |
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| Street Address: | 4575 Weave | r Parkw | /ay | | | | | | | |
| Internal Address: | Suite 100 | | | | | | | | | |
| City: | Warrenville | | | | | | | | | |
| State/Country: | ILLINOIS | | | | | | | | | |
| Postal Code: 60555 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | |
| Property T | уре | | Number | | 12561116 | | | | | |
| Application Number: 1256 | | | 116 | | 12! | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | |
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| ATTORNEY DOCKET | NUMBER: | | 2031 (4575/23) | | 1 | | | | | |
| NAME OF SUBMITTER: | | | Frank C. Nicholas | | | | | | | |
| Total Attachments: 2 source=2031457523S | ignedASSN#p | age1.tii | f | PATENT | | | | | | |

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PATENT REEL: 023242 FRAME: 0169

PATENT REEL: 023242 FRAME: 0170

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

I, the undersigned, in consideration of the sum of One Dollar (\$1.00) to me in hand paid by the Assignee and other good and valuable consideration, receipt of which is hereby expressly acknowledged, hereby sell, assign and transfer unto <u>COSKATA, INC.</u>, a corporation organized under the laws of <u>ILLINOIS</u> and having an address of <u>4575 WEAVER PARKWAY, SUITE 100, WARRENVILLE, ILLINOIS 60555</u>, as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to <u>PROCESS FOR FERMENTATION OF SYNGAS FROM INDIRECT GASIFICATION</u>, executed by assignors on the same date as this Assignment, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

I covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Sapt 2, 2007

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

athen Daten

RATHIN DATTA

STATE OF <u>*Lilinois*</u>) SS COUNTY OF Dufage

On this <u>2</u><u>nal</u> day of <u>September</u>, 2009, before me personally came the above named RATHIN DATTA who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

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Kargn 4. Black Novary Public Mv Commission Expires: 7-24-2012

PATENT REEL: 023242 FRAME: 0171

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ASSIGNMENT OF PATENT APPLICATION CASE NO. 2031 (4575/23)

RALPH CORLEY

SEPT 9, 200 4 Date

STATE OF Illinois) SS COUNTY OF Julag)

On this 949 day of <u>September</u>, 2009, before me personally came the above named RALPH CORLEY who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



Notary Public

My Commission Expires: 7-24-2012

RECORDED: 09/16/2009