FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 07-23-2001

U.S. Department of Commerce Patent and Trademark Office PATENT



| REC | 101786269 PATENTS ONLY |
|---|---|
| TO: The Commissioner of Patents and Trad | demarks: Please record the attached original document(s) or copy(ies). |
| Submission Type | Conveyance Type |
| New 07/10/0/ | Assignment Security Agreement |
| Resubmission Non-Recordation Document ID# | License Change of Name |
| Correction of PTO Error Reel # Frame # | Merger Other U.S. Government |
| Corrective Document Reel # Frame # | (For Use ONLY by U.S. Government Agencies) Departmental File Secret File |
| Conveying Party(ies) | Mark if additional names of conveying parties attached Execution Date |
| Name (line 1) Darren Kenneth Rogers | Month Day Year 7 2 0 |
| Name (line 2) | |
| Second Party | Execution Date Month Day Yea |
| Name (line 1) | 2012 |
| Name (line 2) | 1/102828 |
| Receiving Party | Mark if additional names of receiving parties attached |
| Name (line 1) Touchstone Research Lab | boratory, Ltd If document to be reco |
| Name (line 2) A Corporation of the State | e of West Virginia receiving party is not domiciled in the United States, an appointmen |
| Address (line 1) R.D. #1, Box 100B | of a domestic representative is attact (Designation must be a |
| Address (line 2) The Millennium Centre | separate document fro Assignment.) |
| Address (line 3) Triadelphia City | WV 26059 State/Country Zip Code |
| Domestic Representative Name an | |
| Name Auzville Jackson, Jr. | |
| Address (line 1) 8652 Rio Grande Rd. | |
| Address (line 2) Richmond, VA 23229 | |
| Address (line 3) | |
| Address (line 4) | |
| 004 TREPHANK AAAAAAE2 AGGAAAAA | FOR OFFICE USE ONLY |
| 001 TBESHAH1 00000057 09902828 | |
| 81 40.00 DP) | |

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

| FORM PTO- Expires 06/30/99 OMB 0651-0027 | -1619B | Page 2 | U.S. Department of Commerce Patent and Trademark Office PATENT |
|--|---|--|--|
| Corresponde | ent Name and Address | Area Code and Telephone Number | 804/740-6828 |
| Name [| Auzville Jackson, Jr. | | |
| Address (line 1) | 8652 Rio Grande Rd. | | |
| Address (line 2) | Richmond, VA 23229 | | |
| Address (line 3) | | | |
| Address (line 4) | | | |
| Pages | Enter the total number of paincluding any attachments. | ges of the attached conveyance docume | nt # 2 |
| • • | Number(s) or Patent Num | | ditional numbers attached |
| | e Patent Application Number or the P ent Application Number(s) | atent Number (DO NOT ENTER BOTH numbers for Patent N | r the same property). lumber(s) |
| | | | |
| | | | |
| | | | |
| | being filed together with a <u>new</u> Pater t named executing inventor. | nt Application, enter the date the patent application | was <u>Month Day Year</u> |
| Patent Coop | eration Treaty (PCT) | PCT PCT | PCT |
| only | r PCT application number <u>if</u> a U.S. Application Number not been assigned. | · · · · · · · · · · · · · · · · · · · | PCT |
| Number of P | roperties Enter the tot | al number of properties involved. # | 11 |
| Fee Amount | Fee Amount f | for Properties Listed (37 CFR 3.41): \$ | 40.00 |
| Method o | of Payment: Enclo | osed Deposit Account | Credit Card |
| • | payment by deposit account or if addi | tional fees can be charged to the account.) Deposit Account Number: #[| |
| | Α | Authorization to charge additional fees: | Yes No |
| Statement ar | nd Signature | | |
| attache | | lief, the foregoing information is true and original document. Charges to deposit as | |
| Auzvi | lle Jackson, Jr. | augustle Jackson v. | 7/10/01 |
| Name | of Person Signing | ∫ Signature / | , , Date |

PATENT REEL: 011991 FRAME: 0598

(Worldwide Rights)

ASSIGNMENT

FULL NAMS AND POST OFFICE ADDRESS (including country) OF INVENTOR

TITLE OF INVENTION

FULL NAME AND ADDRESS (including country) OF ASSIGNEE (if a corporation, so state and identify state/country or corporation)

WHEREAS:

Darren Kenneth Rogers 4 America Avenue Wheeling, West Virginia US

(hereinafter referred to as ASSIGNOR) has invented certain new and useful improvements in an invention entitled:

CELLULAR COAL PRODUCTS AND PROCESSES

for which an application for United States Letters Patent is being executed and filed concurrently herewith;

WHEREAS:

Touchstone Research Laboratory, Ltd. R.D.# 1, Box 100B
The Millennium Centre
Triadelphia, WV 26059

(hereinafter referred to ASSIGNEE) is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to said ASSIGNOR of the sum of One Hundred Dollars (\$100.00), the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-inpart, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

PATENT REEL: 011991 FRAME: 0599 Docket 1368 CIP(Touchstone) Assignment, Page 2 ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention, and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and signed on the date indicated below:

SIGNATURE (the signature must correspond with the name of the inventor above)

INVENTOR AND ASSIGNOR

~ 07

RECORDED: 07/10/2001

DATE SIGNED

WITNESS

7 201

PATENT REEL: 011991 FRAME: 0600