

FORM PTO-1595 (Rev. 6-93)

10-27-1999

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

MRD 10.18.99

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Timothy R. Hymer, Stephen E. James

Additional name(s) of conveying party(ies) attached: ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: October 15, 1999

2. Name and address of receiving party(ies):

Name: Big River Zinc Corporation

Internal Address: Route 3 & Monsanto Avenue

Sauget, Illinois, 62201

Street Address: Route 3 & Monsanto Avenue

City Sauget State: Illinois Zip: 62201Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: October 15, 1999

A. Patent Application No.(s)

09.420018

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Charles E. Dunlap

Internal Address: 7733 Forsyth Boulevard, Suite 1400

Street Address: 7733 Forsyth Boulevard, Suite 1400

City: St. Louis State: MO ZIP: 63105

6.

Total number of applications and patents involved: 17. Total fee (37 CFR 3.41)\$ 40.00☒ Enclosed☒ Authorized to be charged to deposit account (if amount is insufficient)

8. Deposit account number:

18-1829

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles E. Dunlap

Name of person signing

Signature

Date

OCT. 18, 1999

Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

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PATENT
REEL: 010332 FRAME: 0287

PATENT

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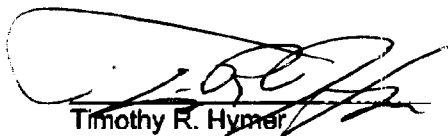
ASSIGNMENT

WHEREAS, we, Timothy R. Hymer of 5113 Scarlett O'Hara Lane, Villa Ridge, Missouri 63089 and Stephen E. James of 106 Pheasant Run, O'Fallon, Illinois 62269, have invented a certain new and useful zinc alloy containing a bismuth-indium intermetallic compound for use in alkaline batteries for which we have executed an application for Letters Patent in the United States identifying us as the only inventors thereof (said application being identified as Howell & Haferkamp, L.C., Docket 15011-1506); and

WHEREAS, Big River Zinc Corporation, a corporation of the State of Delaware having its principal office and place of business at Route 3 & Monsanto Avenue, Sauget, Illinois, 62201, is desirous of acquiring the entire right, title and interest in and to said invention and improvements as disclosed in said application, in and to said application, and in and to the patent to be obtained thereon.

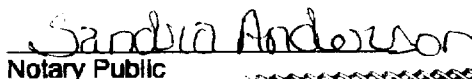
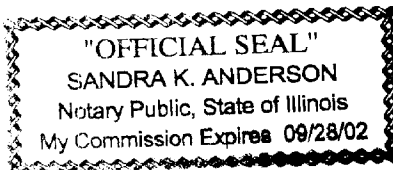
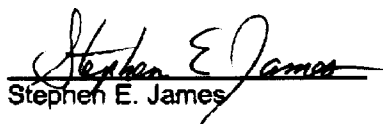
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, we, Timothy R. Hymer and Stephen E. James, have sold, assigned and transferred and do hereby sell, assign and transfer unto said Big River Zinc Corporation, its successors or assigns, the entire right, title and interest in and to said invention and improvements as the same are disclosed in said application which was executed by us preparatory to filing for Letters Patent, in and to said application, and in and to any Letters Patent, including divisionals, continuations, reissues, reexaminations and extensions to be obtained therefor in the United States and all foreign countries; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent as the assignee may desire to apply for, but at the expense of said assignee.

The Commissioner of Patents or other proper official is hereby authorized and requested to issue said Letters Patent to said Big River Zinc Corporation in accordance with this Assignment.

IN WITNESS WHEREOF, I have hereunto set my hand the 15th day ofOctober 1999.
Timothy R. HymerSTATE OF IllinoisCOUNTY OF St. Clair

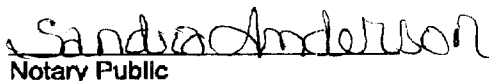
On this 15th day of October 1999 before me, a Notary Public, within and for the County of St. Clair, State of Illinois, personally appeared Timothy R. Hymer, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.


Notary PublicMy Commission Expires: 09/28/02IN WITNESS WHEREOF, I have hereunto set my hand the 15th day ofOctober 1999.
Stephen E. JamesSTATE OF IllinoisCOUNTY OF St. Clair

On this 15th day of October 1999 before me, a Notary Public, within and for the County of St. Clair, State of Illinois, personally appeared Stephen E. James, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.


Notary PublicMy Commission Expires: 09/28/02