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FORM PTO-1595

(Rev. 6-93)

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

2.70-01

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DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Alpha Metals, Inc.

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

## 3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other \_\_\_\_\_

Execution Date: February 9, 2001

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

Name: Fry's Metals, Inc.

Internal Address:

Street Address: 600 Route 440  
Jersey City, NJ 07304Additional name(s) & addresses(es) attached? ☐ Yes ☒ No

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

A. Patent Application No.(s) (serial number not yet assigned) entitled:  
FLIP CHIP WITH INTEGRATED MASK AND UNDERFILL; Serial No.: 09/266,166  
Filed: March 10, 1999Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
Concerning document should be mailed:Name: A. Jason Mirabito, Esq.  
Address: MINTZ, LEVIN, COHN, FERRIS  
GLOVSKY and POPEO, P.C.  
One Financial Center  
Boston, MA 02111

## 6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed☐ Authorized to be charged to Deposit Account  
No: 50-0311

02/27/2001 DDYRNE 00000001 09266166

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40.00 DR

DO NOT USE THIS SPACE

## 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.*

Barry J. Marenberg

Name of Person Signing

Signature

Date

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

Mail documents to be recorded with required cover sheet information to:  
Box Assignment

Washington, D.C. 20231

TRADOCS:1438881.1(%%8X011.DOC)

PATENT  
REEL: 011532 FRAME: 0996

**ASSIGNMENT**

WHEREAS, Alpha Metals, Inc. is an unincorporated entity having a place of business at 600 Route 440, Jersey City, New Jersey 07304;

WHEREAS, Alpha Metals, Inc. is the owner of a certain patent application for United States Letters Patent Serial No. 09/266,166, entitled FLIP CHIP WITH INTEGRATED MASK AND UNDERFILL, and filed with the U.S. Patent and Trademark Office on March 10, 1999 ("the Patent Application");

WHEREAS, Fry's Metals, Inc. is a Delaware corporation having a place of business at 600 Route 440, Jersey City, New Jersey 07304;

WHEREAS, Alpha Metals, Inc. is a d/b/a of Fry's Metals, Inc., and desires to transfer all right, title and interest in the Patent Application to Fry's Metals, Inc.;

WHEREAS, Fry's Metals, Inc. desires to acquire all right, title and interest in the Patent Application from Alpha Metals, Inc.;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, hereby

Sell, assign and transfer to **Fry's Metals, Inc.**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the Patent Application, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts as known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Agree that this assignment grants the right to sue for past infringement.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein express is possessed by me.

Alpha Metals, Inc.

Date: 2/9/01

Keith F. Noe  
Keith F. Noe  
Assistant Secretary

State of Massachusetts  
County of Norfolk

Subscribed and sworn to before me this 9<sup>th</sup> day of February, 2001.

SEAL

William M. Wozniak  
Notary Public  
My commission expires 9/13/02

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