

05-11-2005

REI



103000485

To the Director of the U.S. Patent and Trademark Office

documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Harman International Industries, Incorporated
8500 Balboa Boulevard
Northridge, CA 91329

Execution Date(s) August 20, 2004

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Applied Science and Technology, Inc.

Internal Address:

Street Address: 90 Industrial Way

City: Wilmington

State: MA

Country: USA

Zip: 01887

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

5,182,465 6,204,657
6,178,102 6,552,448
6,201,395

Additional numbers attached? ☐ Yes ☒ No

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

Name: Proskauer Rose LLP

Internal Address: Patent Administrator

Street Address: One International Place

14th Floor

City: Boston

State: MA Zip: 02110

Phone Number: 617.526.9800

Fax Number: 617.526.9899

Email Address:

6. Total number of applications and patents involved:

5

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 200.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers
Expiration Date

b. Deposit Account Number 50-3081

Authorized User Name Joseph A. Capraro, Jr.

9. Signature:

05/10/2005 DMYNE 00000215 503081 5182465

Signature

Date

01 FC 0021 Joseph A. Capraro, Jr. (Reg. No. 36,471)

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 016522 FRAME: 0990

COPY

ASSIGNMENT

WHEREAS, Harman International Industries, Incorporated, a Delaware corporation having a place of business at 8500 Balboa Boulevard Northridge, CA 91329 (hereinafter "Harman"), is the parent company of Crown Audio, Inc. d/b/a/ Crown International, a Delaware corporation, having a principle place of business at 1718 W. Mishawaka Road, Elkhart, IN 46515-4095 (hereinafter "Crown");

WHEREAS, on March 6, 2001 Crown assigned to Applied Science and Technology, Inc., a Delaware corporation, having a place of business at 90 Industrial Way, Wilmington, Massachusetts ~~01887~~ ~~01187~~ (hereinafter "Applied") the right, title and interest in and to the patents and pending patent applications listed in attached Schedule A (hereinafter "The Patents");

WHEREAS, various assignment documents were executed after March 6, 2001 in an effort to convey ownership of The Patents from Crown to Harman, and The Patents have been maintained by Harman since that time, to include recordation of assignment documents, changes in the name of the applicant from Crown to Harman, payment of annuity and maintenance fees and continued prosecution of pending patent applications;

NOW, THEREFORE, be it know that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Harman hereby assigns, sells and sets over to Applied, such right, title and interest in, to and under The Patents as Harman may possess, including all priority rights for other countries arising from The Patents including the full right to claim for any of The Patents all benefits and priority rights under any applicable convention; any and all United States Letters Patent which may be issued on The Patents; all divisions, continuations, continuations-in-part, or extensions of The Patents; all reissues of The Patents; all inventions claimed in The Patents; and any and all Letters Patent or application for Letters Patent in all foreign countries relating to any or all of such inventions disclosed, set forth, and claimed in The Patents, which Applied may make application for or obtain, to be held and enjoyed by Applied for its own use and enjoyment and for the use and benefit of Applied's successors and assigns, to the full end of the term or terms for which The Patents are or may be granted, as fully and entirely as the same would have been held and enjoyed by Harman had this assignment and sale not been made. Harman shall not be estopped from contesting the validity of any of The Patents and/or associated patent rights of The Patents.

Harman hereby authorizes and requests the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to Applied of the entire

right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by Harman had this assignment, sale and transfer not been made.

IN WITNESS WHEREOF, I have executed this Assignment this 20th day of August, 2004.

HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED

By: 
Edwin C. Summers
Vice President and General Counsel