

01-17-2002



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FORM PTO-1595 (Rev. 3/01) OMD NO. 0651-0011 exp. 5/31/2002

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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

1. Name of conveying party(ies): Edward Boling Jeffrey Jay Jacobsen Ronald Stephen Nowicki

2. Name and address of receiving party(ies): Name: Alien Technology Corporation Internal Address: Street Address: 18410 Butterfield Blvd., Suite 150

3. Nature of Conveyance: Assignment, Merger, Security Agreement, Change of Name, Other

City: Morgan Hill State/Province: California Zip: 95037 Country: United States of America

4. Application Number(s) or patent number(s): 09/932,406

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

5. Name and address of party to whom correspondence concerning document should be mailed: James C. Scheller, Jr. Blakely, Sokoloff, Taylor & Zafman LLP

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 8. Deposit Account Number: 02-2666

DO NOT USE THIS SPACE

9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. James C. Scheller, Jr. #31,195 Name of Person Signing Signature Date 11/19/2001 Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to: Assistant Commissioner of Patents, Box Assignments Washington, D.C. 20231

Atty Docket No. 03424.P018

01/16/2002 LMUELLER 00000157 09932406 01 FC:581 40.00 OP

PATENT REEL: 012464 FRAME: 0116

No.: 03424.P018

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We

the undersigned, Edward Boling, Jeffrey Jay Jacobsen, and Ronald Stephen Nowicki

hereby sell, assign, and transfer to Alien Technology Corporation

a corporation of California, having a principal place of business at

18410 Butterfield Blvd., Suite 150, Morgan Hill, CA 95037, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed August 17, 2001 and assigned Application No. 09/932,406 and is entitled

APPARATUSES AND METHODS FOR FORMING ELECTRONIC ASSEMBLIES

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 11/16/01, 2001

Edward Bolig
Name: Edward Bolig

Date: November 16,, 2001

Jeffrey Jay Jacobsen
Name: Jeffrey Jay Jacobsen

Date: 11-19-01, 2001

Ronald Stephen Nowicki
Name: Ronald Stephen Nowicki

State of: _____ }
County of: _____ }

Assignment Document Return Address:
SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, California 90025-1026
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On this _____ day of _____ 20 __, before me, _____,
the undersigned Notary Public, personally appeared _____

personally known to me proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) _____ subscribed to the within instrument, and acknowledged
that _____ executed it.

WITNESS my hand and official seal.

Notary's Signature