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PATENT

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Attorney Docket No: 03424.P005

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Conveying Party (ies) Mark if additional names of conveying parties attached

Name	Execution Date Month Day Year
Name (1st party) <u>Smith, John Stephen</u>	<u>10.29.99</u>
Name (2nd party) <u>Hadley, Mark A.</u>	<u>10.29.99</u>
Name (3rd party) <u>Craig, Gordon S.W.</u>	<u>10.29.99</u>
Name (4th party) <u>Lowe, Frank</u>	<u>10.29.99</u>

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Name (line 2) a corporation of California

Address (line 1) 2606 Barrington Court

Address (line 2) _____

Address (line 3) Hayward California 94545

City State/Country Zip Code

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Correspondent Name and Address

Area Code and Telephone Number (408) 720-8300

Name James C. Scheller, Jr.

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Address (line 3) Los Angeles, CA 90025-1026

Address (line 4)

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Month Day Year
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Patent Cooperation Treaty (PCT)

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Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

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James C. Scheller, Jr.

31,195

Handwritten signature of James C. Scheller, Jr.

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No.: 03424.P005 (For Execution Prior To Filing Patent Application)

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

the undersigned, John Stephen Smith, Mark A. Hadley, Gordon S. W. Craig, and Frank Lowe

hereby sell, assign, and transfer to Alien Technology Corporation

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

2606 Barrington Court, Hayward, California, 94545, ("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 has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled _____

METHODS FOR FORMING OPENINGS IN A SUBSTRATE AND APPARATUSES WITH THESE OPENINGS AND METHODS FOR CREATING ASSEMBLIES WITH OPENINGS

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.

Each Inventor: Please also list the date that you signed the accompanying **DECLARATION AND POWER OF ATTORNEY:**

Each Inventor: Please Sign and Date Below:

10/29, 1999 [Signature]
 Date Name: John Stephen Smith

10/29, 1999 [Signature]
 Date Name: Mark A. Hadley

10/29, 1999 [Signature]
 Date Name: Gordon S. W. Craig

10/29, 1999 [Signature]
 Date Name: Frank Lowe

10/29, 1999
 Date

10/29, 1999
 Date

10/29, 1999
 Date

10 29, 1999
 Date

State of: _____ }
 County of: _____ }

Assignment Document Return Address:
 SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
 12400 Wilshire Blvd., Seventh Floor
 Los Angeles, CA 90025-1026
 (408) 720-8598

On this _____ day of _____, 19____, 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