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| PATENTS ONLY | | PATENTS ONLY | |
| ademarks: copy thereof | | | |
| 1. Name of Party(ies) conveying an interest: a) Craig L. SLINGLUFF b) Donald F. HUNT c) Jeffrey SHABANOWITZ d) Andrea L. COX e) Victor H. ENGELHARD | | 2. Name and Address of Party(ies) receiving an interest: Name: University of Virginia Address: 314 Madison Hall Charlottesville, Virginia 22904-4301 | |
| 3. Description of interest conveyed: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger _____ | | | |
| Additional sheet attached? <input type="checkbox"/> Yes <input type="checkbox"/> No If this document is being filed together with a new application, the execution date of the application is: _____ | | | |
| A. Patent Application No.(s) 08/234,784 | | B. Patent No.(s) | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Iver P. Cooper Browdy and Neimark, P.L.L.C. 624 Ninth Street, N.W., Suite 300 Washington, D.C. 20001 | | 6. Number of applications and patents involved: (1) | |
| | | 7. Credit Card Payment Form, PTO-2038, authorizing payment in the amount of \$40.00 is attached. | |
| | | 8. Deposit account number (a duplicate copy of this form is attached): 02-4035 | |
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| 9. Date of execution of attached document a) October 10, 1996; b) & c) October 1, 1996; d) October 6, 1996; and e) September 27, 1996 | | | |
| 10. I declare under penalty of perjury under the laws of the United States of America, based on information and belief, that the foregoing is true and correct. Executed on: June 20, 2003 | | | |
| Signature | | Iver P. Cooper, Reg. No. 28,005 Name of Person Signing | |

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ASSIGNMENT

WHEREAS, we Craig L. Slingluff, Jr., Donald F. Hunt, Jeffrey Shabanowitz, Andrea L. Cox and Victor M. Engelhard, (the Assignors), own all or part of an invention described in U.S. Patent Application Serial No. 08/197,399, filed February 16, 1994, entitled AMINO ACID SEQUENCES OF HLA-A2.1 - ASSOCIATED PEPTIDES ISOLATED FROM HUMAN CELLS AND METHODS OF USE; and in U.S. Patent Application Serial No. 08/234,784, filed April 24, 1994, entitled PEPTIDES RECOGNIZED BY MELANOMA-SPECIFIC CYTOTOXIC LYMPHOCYTES AND USES THEREFOR; International Application No. PCT/US95/01991 filed April 16, 1995 and all subsequent national stage applications in Australia, Canada, Mexico, New Zealand, Europe, Finland, and Norway; Application No. 08/682,768 filed February 16, 1995; and

WHEREAS, the University of Virginia, Charlottesville, Virginia (the Assignee), is desirous of acquiring the entire right, title and interest in aforesaid invention:

NOW THEREFORE

1. For good and valuable consideration, the full receipt and sufficiency of which is hereby acknowledged, I hereby assign to ASSIGNEE all of my right, title and interest in the aforesaid invention, in any draft applications based thereon, and in any application for Letters Patent which assignee at its expense may cause to be filed in the United States, under an international treaty, or in any foreign country, and in any United States or foreign patent or any other form of protection which may be granted on said invention, including any extensions, divisions, reissues, continuations or continuations-in-part, and in any rights of priority which I am entitled to assert.

2. I agree to execute, whenever requested by ASSIGNEE, all patent applications, assignments, lawful declarations, and other papers which ASSIGNEE may deem necessary or desirable for securing or maintaining said Letters Patent or other forms of protection; to provide ASSIGNEE with all pertinent facts and

documents relating to said application as may be known and accessible to me; and to testify as to the same in any legal proceeding related thereto; all without further compensation to me (except for compensation of reasonably incurred out-of-pocket expenses), and in an expeditious and conscientious manner.

3. I hereby authorize and request the patent office officials throughout the world to issue any and all Letters Patent(s) resulting from the aforesaid applications to ASSIGNEE, as ASSIGNEE of the entire interest assigned.

4. I hereby covenant and warrant that I have full right to convey the entire interest herein assigned, that I have not executed, and will not execute, any agreement in conflict therewith, and that I have and will comply with the duty of disclosure with respect to said application.

5. I hereby grant Iver P. Cooper, Reg. No. 28,005 a delegable power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

6. I assign to ASSIGNEE all right, title and interest in any biological materials I have developed, propagated or deposited during the course of employment with ASSIGNEE, or which are referred to in said application, or which may be necessary to enable one to make or use said invention, and agree that ASSIGNEE shall have control over any deposits which I have caused to be made of such biological materials.

7. I hereby covenant and warrant that I possess some right, title and interest in said invention or in one or more of said

draft applications, applications, patents or other forms of protection, that I have fully disclosed to ASSIGNEE all encumbrances, clouds or limitations upon my right, title and interest, in the United States and any foreign country, and that I have likewise disclosed to ASSIGNEE the identity of all other persons, natural or juristic, possessing or claiming to possess some right, title or interest in the foregoing; copies of said disclosures are appended to this Assignment and incorporated by reference therein.

8. The terms and covenants of this assignment shall inure to the benefit of said ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon my heirs, legal representatives and assigns.

9. I recognize that this assignment of my rights in this application makes the ASSIGNEE the real party in interest with respect thereto and that the ASSIGNEE's interests will then be represented by the attorney(s) and/or agent(s) appointed by them to the exclusion of any of my personal interests which may conflict therewith. In the event of any dispute which I may have with ASSIGNEE over the subject matter of this assignment, I acknowledge that I will have to retain independent legal counsel with respect thereto at my own expense.

