05-14-2001 FORM PTO-1595 U.S. DEPARTMENT OF COMM Patent and Trademark (Rev. 3-93) ER 101715345 OMB No. 0651-0011 (exp. 4/94) To the Honorable Commissioner of Patent and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: MedImmune, Inc. Scott Koenig MSY - 7 2001Internal Address: Street Address: 35 West Watkins Mill Road Additional name(s) of conveying party(ies) attached: ☐ Yes 🗵 No City: Gaithersburg State: MD Zip: 20878 5-7-01 Additional name(s) & address(es) attached: ☐ Yes ☒ No 3. Nature of conveyance: **☒** Assignment ☐ Merger ☐ Security/Agreement ☐ Change of Name □ Other Execution Date: 27 April 2001 4. Application number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 09/797,760 B. Patent No.(s) Filed: 2 March 2001 Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Alan J. Grant, Esq. 7. Total fee (37 CFR 3.41)....\$40.00 **Enclosed** Internal Address: Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein Additional fees, if any, authorized to be charged to deposit account Street Address: 6 Becker Farm Road 8. Deposit account number: 400 City: Roseland State: New Jersey Zip: 07068 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of

Total number of pages including cover sheet, attachments, and document: 2

9. Statement and signature.

Alan J. Grant, Esq.
Name of Person Signing

the original document.

5/11/2001 DBYRHE

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Scott Koenig, 10901 Ralston Road, Rockville, MD 20852, hereby sells, assigns and transfers to MedImmune., incorporated ("Assignee") having a place of business at 35 Watkins Mill Road, Gaithersburg, Maryland 20878, a Maryland Corporation, its successors, assigns and legal representatives, his entire right, title and interest for the United States and all other countries, in and to the improvements(s) known as United States Application Serial No. 09/797,760, filed March 2, 2001, and/or executed on even date herewith and is entitled:

METHODS OF ENHANCING ACTIVITY OF VACCINES AND VACCINE COMPOSITIONS

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 other countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all other countries on said improvements (hereinafter collectively, the "Improvements".

The undersigned further agrees that said Assignee may apply for and receive Letters Patent for said Improvements in its own name; and, when requested, without charge to but at the expense of 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, continuing, substitute, renewal, reissue and all other patent applications on all such 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 do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said Improvements and for vesting title to said Improvements and all applications for patent and all patents on said improvements in Assignee, its successors, assigns and representatives.

The undersigned hereby represents and warrants to Assignee, its successors, assigns and representatives that no assignment, grant, mortgage, license or other right or 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 expressed herein is possessed by the undersigned.

The undersigned hereby grants power to Alan J. Grant (Reg. No. 33,389), John G. Gilfillan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); William Squire (Reg. No. 25,378); and John N. Bain (Reg. No. 18,651) 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. Address correspondence and telephone calls to Allen Grant c/o of Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, New Jersey 07068

IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature: Cott Joens Date: 4 - 27 - 01
Scott Koenig

STATE OF May COUNTY OF Montgony SS .:

Before me this 27 day of 1901, 2001, personally appeared the above named individual(s), to me known to be the person(s) who are described in and who executed the foregoing assignment instrument and acknowledged to me that they executed the same of their own free will for the purpose therein expressed.

LINDA E. ARTZ NOTARY PUBLIC STATE OF MARYLAND My Commission Expires November 4, 2002

> CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI, STEWART & OLSTEIN 6 Becker Farm Road - Roseland, NJ 07068 - (973) 994-1700

Docket No. 469201-523 #98510 v1

REEL: 011780 FRAME: 0590

RECORDED: 05/07/2001