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FORM PTO-1619A/B			Patent and	nent of Commerce Trademark Office ATENT
TO: The Commissioner of Patents and	Ť 1014	184903	riginal document	
Resubmission (Non-Recordation)	.3 X110: 15 20:00:10:	Conveyance Type  Assignment License Merger Security Agreer Change of Nam Other:	nent	
Conveying Party(ies)		Execution Date(s)		
<ol> <li>BROUGH, Douglas E.</li> <li>KING, C. Richter</li> <li>KOVESDI, Imre</li> <li>SCHAIBLE, Jasper J.</li> </ol>		Month Day Year 8/4/2000 8/7/2000 8/7/2000 8/4/2000		
Mark if Additional Names of Convey	ing Parties Attached	L UU	8.16.	00
Receiving Party Name GenVec, Inc. Name Address 65 West Watkins Mill Road Address				
Address Gaithersburg	MD		20878	
City		Country	ZIP/Pos	tal Code
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Correspondent Name and Address				
John Kilyk, Jr., Reg. 30,763 Leydig, Voit & Mayer, Ltd. Two Prudential Plaza, Suite 4900 Chicago, Illinois 60601-6780		Telephone: (312) 616-5600 Facsimile: (312) 616-5700 Attorney Docket No. 202028		
	ges of the attached	conveyance docum	ent including any a	ttachments: 3
Application Number(s) or Patent Number(s) Mark if additional numbers attached  Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).				
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.				
Patent Cooperation Treaty (PCT) Enter PCT application number only if a t Number has not been assigned.	J.S. Application	PCT	PCT	PCT
/2000 MTHAI1 00000006 121216 09604694		PCT	PCT	PCT
Enter the total number of properties involved: 1				
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00  Method of Payment: ☐ Enclosed is a check in the amount of ☐ Charge Deposit Account No. 12-1216. ☐ Authorization to Charge Additional Fees to Deposit Account No. 12-1216: ☐ Yes ☐ No				
Statement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.				
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John Kilyk, Jr.	JUT I	ature		: 14, 2000 Date
Name of Person Signing	// Sign	aiuie		· · · · · · · · · · · · · · · · · · ·

PATENT REEL: 011135 FRAME: 0583

LEYDIG, VOIT & MAYER, LTD.
ATTORNEYS AT LAW
TWO PRUDENTIAL PLAZA SUITE 4900
CHICAGO, ILLINOIS 60601-6780

## ASSIGNMENT OF APPLICATION FOR PATENT

Whereas, we:

**Douglas E. Brough** 3900 Shallowbrook Lane Olney, MD 20832; C. Richter King 1840 Park Road, NW Washington, DC 20010;

Imre Kovesdi

7713 Warbler Lane Rockville, MD 20855; and Jasper J. Schaible 1545 North Colonial Terrace #401

Arlington, VA 22209,

have invented and own a certain invention entitled:

## REPLICATION DEFICIENT ADENOVIRAL TNF VECTOR

for which invention we have executed an application (provisional or non-provisional) for Letters Patent of the United States, which was filed on June 27, 2000, under Application No. 09/604,694; and

Whereas, **GenVec, Inc.**, of 65 West Watkins Mill Road, Gaithersburg, MD 20878 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title, and interest in the United States and every foreign country in and under the invention described in the application for Letters Patent.

Now, therefore, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we hereby assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the applications for Letters Patent and other such applications (e.g., continuations, continuations-in-part, divisionals and reissues) that may be filed in the United States and every foreign country, and the Letters Patents or extensions thereof, both foreign and domestic, that may or shall issue thereon; and we hereby authorize and request the United States Commissioner of Patents and Trademarks to issue the Letters Patent in the United States to the above-mentioned Assignee agreeably with the terms of this assignment document.

Upon said consideration, we convey to the Assignee the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention or other international arrangement for any such application the date of the United States application (or other application if any there be) to gain priority with respect to other applications.

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PATENT REEL: 011135 FRAME: 0584 and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, renewal, reissued, or extended Letters Patent of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

In witness whereof, we have hereunder set our hands on the dates shown below.

8/4/00	Del 5
Date	Douglas E. Brough
COUNTY OF: Menty and STATE:  On this day of for said contract appeared Douglas name in sure chosen and rolling the decument as his red and volume (SEAL)  ONERY COUNTY OF: MENTY COUNTY OF THE PROPERTY OF THE	SS  AUSU  , 2000, before me, a Notary Public in and E. Brough, who is personally known to me to be the same person whose ng assignment document, and acknowledged that he signed and delivered stary act for the uses and purposes therein set forth.  Notary Public  My Commission Expires:
8/7/00 Date /	C. Richter Krung
for said county, appeared C. Richt is subscribed to the foregoing as	er King, who is personally known to me to be the same person whose name signment document, and acknowledged that he signed and delivered the y act for the uses and purposes therein set forth.
SEAL)  OTARY  OUBLIC	Notary Public  My Commission Expires: Yllaco Y

PAGE 2 OF 3

**RECORDED: 08/16/2000** 

In witness whereof, we have hereunder set our hands on the dates shown below.

8/2/2000	1/1ha=
Date	Imre Kovesdi
is subscribed to the foregoing assign	August,, before me, a Notary Public in and di, who is personally known to me to be the same person whose name ment document, and acknowledged that he signed and delivered the for the uses and purposes therein set forth.  Notary Public  My Commission Expires: 711 200 4
6/4/60 Date	Jasper J. Schaible
COUNTY OF: Wintgenery STATE: Wintgenery :ss	
name is subscribed to the foregoing a the document as his free and voluntary	A before me, a Notary Public in and chaible, who is personally known to me to be the same person whose assignment document, and acknowledged that he signed and delivered act for the uses/and ourposes therein set forth.
SEAL MINIMUM COHEN COHEN OF ARY OF AR	Notary Public  My Commission Expires: 7/1/2670 9

PAGE 3 OF 3