Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇔⇔ To the honorable Commissioner on a define and laborators.	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office 2251 Please record the attached original documents or copy thereof.
Name of conveying party(ies): Satish Shetty Harvir Singh Michael Bacus Additional name(s) of conveying party(ies) attached? Yes X No Nature of conveyance: X Assignment Merger Security Agreement Change of Name	2. Name and address of receiving party(ies) Name: Networks Associates Technology, Inc. Internal Address: Street Address: 3965 Freedom Circle
Execution Date: February 25, 2002	City: Santa Clara State: CA Zip: 95054 Additional name(s) & address(es) attached? Yes X No
4. Application number(s) or patent number(s): If this document is being filed together with a new applic A. Patent Application No.(s) Additional numbers att: 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Patrick J.S. Inouye, Esq. Law Offices of Patrick J.S. Inouye Internal Address: 22895 PATENT TRADEMARK OFFICE Street Address: 810 Third Avenue	B. Patent No.(s) ached? Yes X No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)
Suite 258 City: Seattle State: WA Zip: 98104	501144 (Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing infols a true copy of the original document. Patrick J.S. Inouye, Esq. Name of Person Signing Total number of pages including cover sheet,	Signature MAR 1 1 2002 Date

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

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PATENT REEL: 012696 FRAME: 0157

JOINT ASSIGNMENT

WHEREAS, WE, Satish Shetty, Harvir Singh and Michael Bacus (hereinafter "ASSIGNORS"), citizens of India, India, and USA, respectively, residing at 18654 SW Marko Lane, Beaverton OR 97007, 2323 NW 188th Ave #611, Hillsboro OR 97124, and 12860 SW 134th, Tigard OR 97223, respectively; are the inventors of the invention in "System And Method For Providing Automated Low Bandwidth Updates Of Computer Anti-Virus Application Components," for which we have executed an application for a Patent of the United States

X	which is executed on even date herewith
\times	which is identified by THE LAW OFFICES OF PATRICK J.S. INOUYE as attorney docket no.
002	.0249.01
	which was filed on, Application No
Cor	WHEREAS, Networks Associates Technology, Inc. (hereinafter "ASSIGNEE"), a Delaware poration having a business address at 3965 Freedom Circle, Santa Clara CA 95054, is desirous of aining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Director of the United States Patent and Trademark Office, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have the full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries. In the event that one or more of the above inventors is not an employee of ASSIGNEE at the time such aid is required, they agree to render such aid in return for an hourly rate of pay no greater than twice their equivalent regular hourly pay as it stood on the date of their departure from ASSIGNEE.

PATENT REEL: 012696 FRAME: 0158 IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 02-25-2002, 2002

Date 02-25-2002, 2002

Harvir Singh

Date 07-25-7007,2002

RECORDED: 03/11/2002

Michael Bacus

PATENT REEL: 012696 FRAME: 0159