Expires 06/30/99 OMB 0651-0027	 	ON HARRA CHIKA MARK CIARK RIMA (ANI) <b>and la</b>		PATENT
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Second Party				Execution Date Month Day Y
Name (line 1)	Pass, Gregory S.			02 28 200
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> **PATENT REEL: 010689 FRAME: 0914**

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Address (line 1) c/o Perkins, S	mith & Cohen, LLP	
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Fee Amount Fee A	amount for Properties Listed (37 CFR 3.41)	: \$ 40.00
Method of Payment:	Enclosed X Deposit Account	
Deposit Account (Enter for payment by deposit account	t or if additional fees can be charged to the account.)  Deposit Account Number:	Order No.: 10845-117 # 03-2410
	Authorization to charge additional fees:	Yes X No
	and belief, the foregoing information is true of the original document. Charges to depo	
Jacob N. Erlich, Esq.  Name of Person Signing	Signature	<u>ΜΩ</u> κεμ 14,7000 Date

## ASSIGNMENT

WHEREAS, We, Ramin D. Zabih, residing at 159 Westview Lane, Ithaca, NY 14850, and Gregory S. Pass, residing at 2016 Baltimore Road, #I-34, Rockville, MD 20851, (hereinafter referred to as "Assignors") have jointly made an invention entitled "Method and System for Comparing Data Objects Using Joint Histograms," for which an application for a United States Patent was filed on November 16, 1998 and accorded Serial Number 09/192,991.

WHEREAS, Cornell Research Foundation, Inc., a non-profit corporation, being a wholly owned subsidiary of Cornell University for purposes of patents and trademarks only, organized and existing under the laws of the State of New York, having its principal place of business at Cornell Business and Technology Park, 20 Thornwood Drive, Suite 105, Ithaca, NY 14850 (hereinafter referred to as "Assignee"), is desirous of acquiring right, title and interest in said invention.

NOW, THEREFORE, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors by these presents, do sell, assign and transfer to Assignee, Assignors' entire right, title and interest, for the United States of America and its possessions and territories and for all foreign countries, in and to said invention, including all rights of priority created and conferred by any treaty or international convention which is available in connection with said invention, including the right to apply for patent rights, U.S. or foreign, and in any continuations, divisions, substitutes, renewals, reissues or other applications filed in the U.S. or abroad (including multinational filing arrangements of all kinds), and in any U.S. or foreign patents issued on any such applications and reissues, extensions and renewals thereof, to be held and enjoyed by Assignee, for its own use and behalf and for its successors and assigns, to the full ends of the terms or extended terms for which any Letters Patents or the like may be granted, as fully and entirely as the same would have been held by Assignors had this sale, assignment and transfer not been made.

Assignors hereby authorize and request the Commissioner of Patents of the United States, and any official of any country or countries (including multinational filing arrangements of all kinds), whose duty it is to receive and/or examine applications for patents or similar industrial property, issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to Assignee, its successors and assigns, in accordance with the terms of this instrument.

Assignors covenant with Assignee, its successors, assigns, and legal representatives that Assignors have full right to convey the entire interest herein assigned, and that Assignors have not executed any agreement in conflict herewith and will not execute any agreement or conveyance in conflict herewith.

Assignors further covenant and agree to communicate to Assignee, its successors, legal representatives and assigns, any facts known to Assignors respecting said invention, and testify in any legal proceeding, sign all lawful papers, including, without limitation, application papers, assignments, powers of attorney, declarations, and other instruments, execute all divisional, continuing, substitute, reissue, renewal and foreign applications, make all truthful oaths, declarations and statements, and generally do everything reasonably requested of Assignors by Assignee, or its successors or assigns to aid Assignee, its successors or assigns, to obtain, enforce and /or exploit said invention.

1

Ramin D. Zabih
Commonwealth (State) of $(\mathcal{N}_{\mathcal{N}}^{\mathcal{V}})$
Commonwealth (State) of $\frac{NY}{N}$ )  Sounty of Tompkins  Before me appeared Ramin Zabih on this $\frac{22}{N}$ day of November, who signed this Assignment document, and who acknowledges that he signed it as a
Before me appeared Kamin Zabih on this 22 day of November, 1999, who signed this Assignment document, and who acknowledges that he signed it as a free act on his behalf.
Notary Public Decrease across
Notary Public  ROSEMARY C. ADESSA  My commission expires NOTARY PUBLIC, State of New York  Qualified in Cardend Ca. M4642994  SEAL  My Commission Expires March 30,
SEAL .
Executed this 28th day of February, 1999. 2000
Gregory S. Pass
Commonwealth (State) of $VA$ ,)
County of hordon
Before me appeared Charles on this 28th day of Lebum.  1999, who signed this Assignment document, and who acknowledges that he signed it as a free act on his behalf.
Curlin
Notary Public  My commission expires Notary Public  Commonwealth of Virginia
SEAL Commonwealth of Virginia  My Commission Expires Feb. 28, 2003

**RECORDED: 03/14/2000** 

PATENT REEL: 010689 FRAME: 0917