Atty. Docket No.: 0307-0144P

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies): Jeffrey C. MICHER Bruce R. BAKER Additional name(s) of conveying party(ies) attached? YES NO 3. Nature of conveyance:	2. Name and address of receiving party(ies) Name: SEMANTIC COMPACTION SYSTEM Internal Address: Street Address: 1000 Killarney Drive City: Pittsburgh State: PA ZIP: 15234			
	Country: USA Postal Code: Additional name(s) & address(es) attached? YES NO			
Application number(s) or patent 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). 09/652,036	B. Patent No.(s).			
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747	ched? YES NO 6. Total No. of applications/patents involved: One (1) 7. Total fee (37 C.F.R. § 3.41): \$40.00 Enclosed (Check # 6012531) Authorized to be charged to deposit account, if no fee attached.			
Country: USA	8. Deposit account number: 02-2448 (Attach triplicate copy of this page if paying by deposit account)			
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9. 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. Donald J. Daley, Reg. No. 34,313 Name of Person Signing/Reg. No. Signature October 31, 2000 Date				
Total number of pages including cover sheet, attachments, and document: Three (3)				

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(Rev. 04/19/2000)

REEL: 011279 FRAME: 0068

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No. <u>09/652,036</u>	_	Filed _	August 31, 2000	
Insert Name(s) of Inventor(s)	WHEREAS,	Jeffrey C. MICHER			
		Bruce R. BAKER			
			· · ·		

n	(hereinafter designated as the ur	ndersigned) has (have) invented certain	new and	d useful improveme	∍nts
Insert Title of Invention	LINGUISTIC RETRIEVAL SYSTE	EM AND METHOD			
	for which an application for Lette the undersigned (except in the ca	ers Patent of the United States of Americase of a provisional application).	ca has t	peen executed by	
nsert Date of Signing of Application	on <u>October 27, 2000</u>) and October 30, 2000		;	and
nsert Name of Assignee	WHEREAS, <u>SEMANTIC</u>	C COMPACTION SYSTEMS			
nsert Address of Assignee	of 1000 Killarney Drive, Pittsburg	h, Pennsylvania 15234			
CHECK BOX F APPROPRIATE	is desirous of acquiring the entire	sentatives and assigns (hereinafter des eright, title and interest in and to said in nted therefor in the United States of Am	vention	and in and to any	
	hand paid, the receipt of whi consideration, the undersigned h does sell, assign and transfer un in the United States of America, i title and interest in and to any United States of America, its tendesignated, in any and all foreign	•	her good, and bright to the sions are granted, and if	od and valuable by these presents the said invention and the entire right, and therefor in the the box above is	
	and to any and all divisions, reis	sues, continuations, conversions and e	xtensio	ns thereof for the	

full term or terms for which the same may be granted.

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PATENT REEL: 011279 FRAME: 0069 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 10/26/00	Name of Inventor	(signature) Jeffrey MICHER
Date,	Name of Inventor	r(signature)
Date,	Name of Inventor	r(signature)
Date,	Name of Inventor	r(signature)
Date,	Name of Inventor	r(signature)

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April 2000