PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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DR PETER KITCHING	05/02/2018

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15923681

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ATTORNEY DOCKET NUMBER:	43865-03
NAME OF SUBMITTER:	TODD ALLEN SERBIN
SIGNATURE:	/Todd Allen Serbin/
DATE SIGNED:	05/08/2018

Total Attachments: 4

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PATENT 504904165 REEL: 045741 FRAME: 0706

Nexsen Pruet, LLC, Docket No.: 43865-03

ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

Title of the Invention: COMPUTER-IMPLEMENTED PRINT ANALYSIS

ASSIGNOR (the marked space indicates the one	e that applies):				
X INVENTORS(S): Whereas the undersigned	INVENTORS(S): Whereas the undersigned inventor(s), hereinafter referred to as				
"Assignor" irrespective of the number thereof, has/	have invented certain useful				
improvements and inventions entitled as above and	described in the patent application(s)				
and/or patent(s) identified below (hereinafter referr	red to as the "Invention");				
COMPANY/PARTNERSHIP/INDIVIDUA	AL/OTHER NON-INVENTOR				
OWNER(S): Whereas the undersigned non-inventor	or owner(s), hereinafter referred to as				
"Assignor" irrespective of the number thereof, is/ar	re the owner(s) of record of the above				
identified Invention;					
ASSIGNEE (hereinafter referred to as "Assignee"	and by "its" irrespective of the				
number and gender of the person(s) named below):					
NAME (type or print)	ADDRESS (type or print)				
University of Wolverhampton	Wulfruna Street Wolverhampton WV1 1LY United Kingdom				
INDICATED RIGHTS: Whereas the undersigned above-identified Assignee, who is desirous of acquirights, title and interest in the above-identified Inve	iring the same, the following indicated				
hat apply):	•				
 Vunited States of America rights, title and in 	terest in the Invention				
United States Patent Application Serial No.					
Date Declaration Signed:					
United States Design Patent Application: Se					
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PATENT REEL: 045741 FRAME: 0707

United States Provisional Application Serial No; Filing Date:
United States Patent No(s).
_X Other Countries rights, title and interest in the Invention (all countries throughout
the world except the United States, hereinafter referred to as "World Rights")
International (PCT) Patent Application No; Filing Date:
Other (specify)
Now, therefore, for good and valuable consideration, the receipt of which is
hereby acknowledged, Assignor hereby assigns, sells and transfers unto said Assignee all
of the above-indicated rights, title and interest in and to the above-identified Invention,
including the application(s) as identified above and any and all divisionals, continuations,
and continuations-in-part thereof; in and to any and all Letters Patent of the United
States, and of other countries if World Rights are indicated above, which may be granted
or have been granted for said Invention; in and to any and all extensions, reissues and
reexaminations thereof; in and to any and all corresponding international (PCT)
applications; and in and to any and all priority rights, convention rights, and other
benefits accruing or to accrue to Assignor with respect to the filing of applications for
patents or securing of patents in the United States, and in other countries if World Rights
are indicated above; all of the same to be held and enjoyed by Assignee for its own use
and benefit, and for the use and benefit of its successors, assigns, heirs and legal
representatives, to the end of the term or terms for which any individual patent on the
Invention may be granted or reissued as fully and entirely as the same would have been
held and enjoyed by Assignor if this assignment and sale had not been made.

And Assignor also assigns to Assignee all claims for damages by reason of infringements prior to the date of this Assignment, with the right to sue for and collect the same for Assignee's own use and benefit, and for the use and benefit of its successors, assigns, heirs and legal representatives.

And if World Rights are indicated above, Assignor also assigns to Assignee the right to file applications and obtain patents, utility models, industrial models and designs for said Invention in its own name throughout the world, including all priority rights, all rights to publish cautionary notices reserving ownership of said Invention, and all rights to register said Invention in appropriate registries.

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And Assignor hereby authorizes and requests the United States Patent and Trademark Office, and the corresponding patenting authorities of other countries if World Rights are indicated above, to issue any and all Letters Patent which may issue for said Invention to said Assignee, as assignee of the entire rights, title and interest thereto;

And Assignor further agrees to execute all lawful documents for filing any and all applications for patents on the Invention in the United States, and in other countries if World Rights are indicated above, including all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, and for obtaining any reissue or reissues of any Letters Patent which may be granted for the Invention; to execute any and all powers of attorney, applications, assignments, oaths, declarations, affidavits, and any and all other documents in connection therewith necessary to perfect and protect such rights, title and interest in Assignee; and generally do everything possible to vest title in Assignee and to aid Assignee in obtaining and enforcing proper protection for said Invention in the United States, and in all other countries if World Rights are indicated above; said documents to be prepared and executed and said aid provided at Assignee's expense and as the Assignee or its designee(s) may from time to time require.

And Assignor also agrees to communicate to Assignee any and all information respecting any improvements in the Invention.

And Assignor hereby grants to the law firm of Nexsen Pruet, LLC, having a principal office at 1230 Main Street, Suite 700, Columbia, South Carolina 29201, and its attorneys and agents, collectively referred to herein as Nexsen Pruet, the power and authority to insert into this Assignment any further identification of the application(s) on the Invention that may be necessary or desirable for its recordation in the U.S. Patent and Trademark Office.

ASSIGNOR AND WITHESS IN ORMATION AND SIGNATURES.			
(1)	Actoring	PETER KITCHING	2/5/18
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	Ä	Assignor Address (include country if not USA)	, -

ASSIGNOD AND WITNESS INFORMATION AND SIGNATURES.

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August 1 March 2 245/18
Witness Signature Witness printed name Date
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(2) Prof. Ian Sillitoe Assignor Printed Name Date
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SEA & A STOREY MULTINON AKKEY 29/MARCH 2018
Witness Signature Witness printed name Date STEVENSON KENNEDY Solicitors & Notaries Public DX OB 6 U.K.
LINNDHU AIQUSEclude country if not USA) 19 STEVENSON STREET OBAN PA34 5NA
ASSIGNEE ACCEPTANCE OF ASSIGNMENT
(3) COREW POWED 3/MAY/2018
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WOLLERHAMPON, WYI ILY UK UNIVERSITY OF WOLLERHAMPTON
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Witness Signature Witness printed name Date
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Witness Address (include country if not USA)

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RECORDED: 05/08/2018