## Filed on behalf of: Software Rights Archive, LLC

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### UNITED STATES PATENT AND TRADEMARK OFFICE

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### BEFORE THE PATENT TRIAL AND APPEAL BOARD

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FACEBOOK, INC., LINKEDIN CORP., AND TWITTER, INC., Petitioners

V.

SOFTWARE RIGHTS ARCHIVE, LLC Patent Owner

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Case IPR2013-00480 Patent 5,832,494

PATENT OWNER'S RESPONSE



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		2.	Fox SMART fails to disclose or suggest "indirect relationships in the database" as properly construed	23
		3.	Even if an Indirect Relationship Did Not Require a Chain of Citations to be in a Database, there are Still No disclosed Indirect Relationships in the Database.	
	C.	Fox Smart does not disclose "generating candidate cluster links for the selected node," as recited in claim 1		
	D.	Fox SMART does not disclose "deriving actual cluster links from the candidate cluster links," as recited in claim 1		
	E.	Fox SMART does not disclose or suggest "selecting a node for analysis," as recited in claim 1		
	F.	one o	Smart does not disclose or suggest "displaying the identity of r more nodes using the actual cluster links," as recited in 1	41



	G.	Fox SMART Does not Disclose the Features of Claim 1 As Arranged in the Claim	.42
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# TABLE OF AUTHORITIES

## Cases

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### I. INTRODUCTION

The claims of the '494 patent are directed to the analysis and searching of a computerized database of textual objects containing citations to other objects stored in the database. The '494 patent specification discloses computerized tools and methods for extracting keywords and direct relationships from the content of database objects and generating representations of direct and indirect relationships existing among the database objects.

The institution of the present trial on claims 1, 5, and 14-16 of the '494 patent<sup>1</sup> is entirely based on prior art describing experiments conducted by Petitioners' expert Dr. Fox. The experiments of Dr. Fox are not directed to the analysis of a computer database of objects, but rather are directed towards limited experimentation with relationships existing among printed documents. This prior art describes limited experiments to determine whether direct and indirect relationships existing among paper documents are useful for clustering and searching.

11, 35, and 40.



<sup>&</sup>lt;sup>1</sup> Patent Owner is filing concurrently herewith, in accordance with the Board's Order (Paper 28 at 2) and pursuant to 35 U.S.C. § 316(d)(1)(A) and 37 C.F.R. § 42.121, a motion to amend the '494 patent by cancelling challenged claims 8, 10,

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