

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MANS OLOF-ORS	01/18/2018
PHANI NIVARTHI	01/18/2018
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15609800
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<b>SIGNATURE:</b>	/Kevin T. Duncan/
<b>DATE SIGNED:</b>	05/01/2018
<b>Total Attachments: 3</b>	
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## ASSIGNMENT OF INVENTION

Whereas, We, Mans OLOF-ORS, of Luzern, CH; and Phani NIVARTHI, of West New York, NJ, US; have invented certain improvements in a MACHINE LEARNING-BASED RELATIONSHIP ASSOCIATION AND RELATED DISCOVERY AND SEARCH ENGINES ("Invention") and have filed a U.S. patent application therefore that has been assigned a filing date of May 31, 2017, and U.S. Ser. No. 15/609,800 ("Application"); and

Whereas, Thomson Reuters Global Resources Unlimited Corporation, an Irish corporation organized and existing under and by virtue of the laws of the country of Ireland, and having an office and place of business at Neuhofstrasse 1, CH-6340 Baar, Switzerland, ("TRGRUC") desires to acquire the entire right, title and interest in said Application and in said Invention, and any additional United States or foreign applications and patents to be obtained therefor;

Now therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, We hereby sell, assign and transfer unto said TRGRUC, its successors and assigns, the entire right, title and interest in said Application and in said Invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended and the entire right, title, and interest in and to any and all patent applications, patents, continuations, continuations-in-part, divisionals, and reissues based thereon which may be filed or granted therefor in the United States or any foreign country.

We also agree that TRGRUC may apply for foreign Letters Patent on said Invention, and agree to cooperate with said TRGRUC and to execute without additional consideration any

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additional documents as deemed necessary by said TRGRUC to apply for or maintain patents or other legal protection for said Invention in any country of the world.

We hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any Letters Patent granted upon said Invention set forth in said Application to said TRGRUC.

Executed this the \_\_\_\_\_ day of \_\_\_\_\_, 2018, at \_\_\_\_\_,  
\_\_\_\_\_ (city, country).

As witnessed by:

\_\_\_\_\_  
Mans OLOF-ORS

\_\_\_\_\_  
Witness

Executed this the 18 day of January, 2018, at New York,  
USA (city, country).

As witnessed by:

DocuSigned by:  
*Phani Nivakithi*  
\_\_\_\_\_  
999A431C175B4ED...  
Phani NIVAKITHI

\_\_\_\_\_  
Witness


additional documents as deemed necessary by said TRGRUC to apply for or maintain patents or other legal protection for said Invention in any country of the world.

We hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any Letters Patent granted upon said Invention set forth in said Application to said TRGRUC.

Executed this the 18 day of January, 2018, at SARRE  
SWITZERLAND (city, country).

As witnessed by:

  
Mans OLOF-ORS

  
Witness

Executed this the \_\_\_\_\_ day of \_\_\_\_\_, 2018, at \_\_\_\_\_  
\_\_\_\_\_  
(city, country).

As witnessed by:

Phani NIVARTHI

Witness