

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Keith A. Raniere	09/04/2012
RECEIVING PARTY DATA	
Name:	First Principles, Inc.
Street Address:	455 New Karner Road
City:	Albany
State/Country:	NEW YORK
Postal Code:	12205
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13613230
CORRESPONDENCE DATA	
Fax Number:	5182201857
Phone:	518-220-1850
Email:	ctuminello@iplawusa.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	SCHMEISER, OLSEN & WATTS
Address Line 1:	22 CENTURY HILL DRIVE
Address Line 2:	SUITE 302
Address Line 4:	LATHAM, NEW YORK 12110
ATTORNEY DOCKET NUMBER:	FIRST.5989-NY
NAME OF SUBMITTER:	Arlen L. Olsen
Total Attachments: 1 source=5989_Assignment#page1.tif	

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ASSIGNMENT

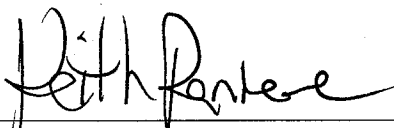
Whereas, I, Keith A. Raniere, have invented certain improvements in a:

DATA STREAM DIVISION TO INCREASE DATA TRANSMISSION RATES

And whereas, FIRST PRINCIPLES, INC., a corporation of New York, having its principal place of business at 455 New Karner Road, Albany, New York 12205, (hereinafter referred to as "FIRST PRINCIPLES"), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to FIRST PRINCIPLES, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application; and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to FIRST PRINCIPLES, its successors and assigns; and we hereby agree that FIRST PRINCIPLES may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by FIRST PRINCIPLES.

Dated: 9/4/12



Keith A. Raniere