

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
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DARRELL LEE SUEN	02/23/2016
SRIDHAR KOTAMRAJU	03/17/2016
CHRISTOPHER P. CLAUSEN	02/22/2016
MELODY SU-SHIN KAO	02/22/2016
CHRISTINA Z. ONGPIN	02/22/2016
KEVIN R. CIESLAK	02/22/2016
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<b>Property Type</b>	<b>Number</b>
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<b>NAME OF SUBMITTER:</b>	JAMES J. PINGOR
<b>SIGNATURE:</b>	/James J. Pingor/
<b>DATE SIGNED:</b>	06/05/2019

**Total Attachments: 3**

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PATENT ASSIGNMENT

WE, Darrell Lee Suen, Sridhar Kotamraju, Christopher P. Clausen, Melody Su-Shin Kao, Christina Z. Ongpin, and Kevin R. Cieslak ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTELLIGENT AUTHENTICATION" ("APPLICATION"), which:

☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests ASSIGNEE'S legal representatives of Kegler, Brown, Hill & Ritter Co., L.P.A., 600 Superior Avenue East, Suite 2510, Cleveland, Ohio 44114, who are associated with customer number 85539, to insert here in parenthesis (U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION'S U.S. Serial Number and filing date, when known;

☒ was filed on October 1, 2014 and was given U.S. Serial No. 14/503,838;

Wells Fargo Bank, N.A., on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

This Patent Assignment may be executed in counterparts, each of which when so executed and delivered shall be deemed an original, but such counterparts together shall constitute one and the same instrument.

2/23/16  
Date

Darrell Lee Suen  
Darrell Lee Suen

\_\_\_\_\_  
Date  
2/22/16  
Date

\_\_\_\_\_  
Sridhar Kotamraju  
Christopher P. Clausen  
Christopher P. Clausen

PATENT ASSIGNMENT

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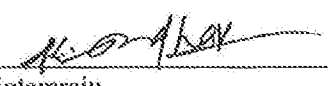
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\_\_\_\_\_  
Date

\_\_\_\_\_  
Darrell Lee Suen

2/17/14  
Date

  
Sridhar Kotamraju

\_\_\_\_\_  
Date

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Christopher P. Clausen

2/22/16  
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Melody Su-Shin Kao  
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Christina X. Ongpin  
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Kevin R. Cieslak  
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