

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5643741

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NICHOLAS D. GROBELNY	07/23/2019
RICHARD M. TONRY	07/24/2019
BALASINGH P. SAMUEL	07/24/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DELL PRODUCTS L.P.
<b>Street Address:</b>	ONE DELL WAY
<b>City:</b>	ROUND ROCK
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78682
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16526467
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	512-347-1611
<b>Email:</b>	mjones@ipaustin.com
<b>Correspondent Name:</b>	DELL-EGAN, PETERMAN , ENDERS & HUSTON LL
<b>Address Line 1:</b>	1101 S. CAPITAL OF TEXAS HIGHWAY
<b>Address Line 2:</b>	SUITE C200
<b>Address Line 4:</b>	AUSTIN, TEXAS 78746
<b>ATTORNEY DOCKET NUMBER:</b>	DELL:272
<b>NAME OF SUBMITTER:</b>	WILLIAM W. ENDERS
<b>SIGNATURE:</b>	/William W. Enders/
<b>DATE SIGNED:</b>	07/30/2019
<b>Total Attachments: 5</b>	
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**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, For good and valuable consideration, receipt of which is hereby acknowledged, I

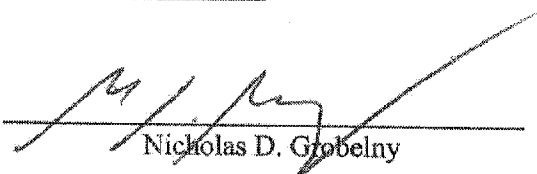
Nicholas D. Grobelny	of	Austin, Texas
Richard M. Tonry	of	Austin, Texas
Balasingh P. Samuel	of	Round Rock, Texas

hereby sell, assign and transfer to Dell Products L.P., a Texas Limited Partnership, having a place of business at One Dell Way, Round Rock, Texas 78682-2244, its successors and assigns, the entire right, title and interest throughout the world in my invention in:

**RUNTIME DEVICE FIRMWARE VERIFICATION USING TRUST CHAINING**

for which I have executed a United States patent application Serial No. and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 23 day of July, 2019.

  
\_\_\_\_\_  
Nicholas D. Grobelny

\_\_\_\_\_  
Richard M. Tonry

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, For good and valuable consideration, receipt of which is hereby acknowledged, I

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Richard M. Tonry	of	Austin, Texas
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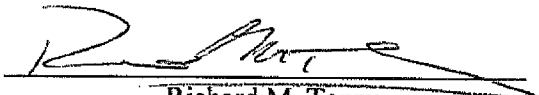
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Executed this 24 day of July, 2019.

\_\_\_\_\_  
Nicholas D. Grobelny

  
\_\_\_\_\_  
Richard M. Tonry

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Balasingh P. Samuel

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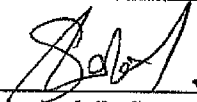
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Executed this 24<sup>th</sup> day of July, 2019.

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Nicholas D. Grobelny

\_\_\_\_\_  
Richard M. Tonry

Attorney Docket No.: DELL:272 (DC-114004)

  
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Balasingh P. Samuel