PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3780010

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	MERGER	
EFFECTIVE DATE:	03/31/2011	
SEQUENCE:	1	

CONVEYING PARTY DATA

Name	Execution Date
TC LICENSE, LTD.	03/31/2011

RECEIVING PARTY DATA

Name:	TRANSCORE, LP	
Street Address:	8158 ADAMS DRIVE	
Internal Address:	LIBERTY CENTRE, BUILDING 200	
City:	HUMMELSTOWN	
State/Country:	PENNSYLVANIA	
Postal Code:	17036	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14808696

CORRESPONDENCE DATA

Fax Number: (215)751-1142

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.

Phone: 215-567-2010

Email:dmbrown@crbcp.comCorrespondent Name:CAESAR RIVISE, PCAddress Line 1:1635 MARKET STREET

Address Line 2: 12TH FLOOR

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103-2212

ATTORNEY DOCKET NUMBER:	T1142/20584	
NAME OF SUBMITTER:	NICHOLAS M. TINARI	
SIGNATURE:	/Nicholas M. Tinari/	
DATE SIGNED:	03/11/2016	

Total Attachments: 7

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PATENT 503733367 REEL: 037957 FRAME: 0250

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CERTIFICATE OF MERGER

of

TC LICENSE, LTD.

with and into

TRANSCORE, LP

(Section 17-211 of the Revised Uniform Limited Partnership Act of Delaware and Section 263 of the Delaware General Corporation Law)

The undersigned limited partnership formed and existing under and by virtue of the Revised Uniform Limited Partnership Act of Delaware §17-101 et seq ("RULPA")

DOES HEREBY CERTIFY:

FIRST: The name and jurisdiction of formation or organization of each of the constituent entities which are to merge are as follows:

Name	Jurisdiction of Formation or Organization
TC LICENSE, LTD.	Delaware
TRANSCORE, LP	Delaware

SECOND: The Agreement and Plan of Merger, dated as of March 31, 2011 between TransCore, LP and TC License, Ltd. (the "Agreement and Plan of Merger"), has been approved, adopted, certified, executed and acknowledged by each of the constituent entities in accordance with Section 263(c) of the Delaware General Corporation Law ("DGCL") and Section 17-211 of RULPA.

THIRD: The name of the surviving Delaware limited partnership is TransCore, LP (the "Surviving Partnership").

FOURTH: The Certificate of Limited Partnership of the Surviving Partnership, as now in force and effect, shall continue to be the certificate of limited partnership of the Surviving Partnership until amended and changed pursuant to the provisions of the RULPA.

FIFTH: The effective date (the "Effective Date") of this Certificate of Merger shall be upon the filing of this Certificate with the Secretary of State of the State of Delaware and the effective time (the "Effective Time") hereof shall be 9:01 A.M. (New York City time) on such date.

SIXTH: The executed Agreement and Plan of Merger is on file at an office of the Surviving Partnership. The address of such office of the Surviving

(NY) 17905/012/AGTS/morger.certificate.TCL.TLP.doc

Partnership is 8158 Adams Drive, Liberty Centre, Building 200, Hummelstown, PA 17036.

SEVENTH: A copy of the Agreement and Plan of Merger will be furnished by the Surviving Corporation, on request and without cost, to any former stockholder of TC License, Ltd. and to any partner of TransCore, LP.

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IN WITNESS WHEREOF, the undersigned has duly executed this Certificate of Merger as of the 31 day of March, 2011.

TRANSCORE, LP

By: TLP Holdings, LLC, its General Partner

(NY) 17905/012/AGTS/merger,certificate,TCL,TLP,doo

EXHIBIT A

United States Patent Application No.

11/139,681 11/418,242 09/539,662 12/421,510 13/025,744 61/444,286 61/445,636 12/243,527 12/754,003 12/856,706 12/533,067 12/915,739 12/569,087 12/775,889 12/797,287 12/797,287 12/944,033 61/299,474 12/840,587 12/705,083 61/328,457 61/355,824 11/581,044 12/423,619 11/502,628 11/764,005
13/107,546
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13/274,092
13/273,961
13/095,296
13/163,005

61/473,055

EXHIBIT A

United States Patent Application No.

61/477,962

61/483,568

61/498,453

61/510,933

61/521,675

61/578,330

61/545,650

61/256,273

61/303,634

61/550,851

EXHIBIT B

United States Patent No

5,289,183

5,347,274

5,351,187

5,406,275

5,414,624

5,479,160

5,485,520

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5,606,322

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6,111,523

6,373,402

6,476,756

6,600,443

6,653,946

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7,289,584

7,301,462

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7,557,715

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EXHIBIT B

United States Patent No

7,778,876

7,782,206

7,791,481

7,817,015

7,881,065

RE37,822

5,253,162

PATENT REEL: 037957 FRAME: 0258

RECORDED: 03/11/2016