

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DEVU MANIKANTAN SHILA	11/22/2016
PENGHE GENG	11/02/2016
VIJAYA RAMARAJU LAKAMRAJU	11/20/2016
NICHOLAS CHARLES SOLDNER	11/01/2016
ALAN MARCHIORI	11/01/2016
RECEIVING PARTY DATA	
Name:	CARRIER CORPORATION
Street Address:	17900 BEELINE HIGHWAY
City:	JUPITER
State/Country:	FLORIDA
Postal Code:	33478
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15195002
CORRESPONDENCE DATA	
Fax Number:	(203)865-0297
<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>	
Phone:	203-777-6628
Email:	docket@bachlap.com
Correspondent Name:	BACHMAN & LAPOINTE, P.C.
Address Line 1:	900 CHAPEL STREET
Address Line 2:	SUITE 1201
Address Line 4:	NEW HAVEN, CONNECTICUT 06510
ATTORNEY DOCKET NUMBER:	73046US02(15-209-2)
NAME OF SUBMITTER:	DAVID L. WISZ
SIGNATURE:	/David L. Wisz #46350/
DATE SIGNED:	01/10/2017
Total Attachments: 15	

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ASSIGNMENT

WHEREAS, Devu Manikantan Shila of East Hartford, CT, mailing address: United Technologies Research Center, 411 Silver Lane, East Hartford, CT 06108, Penghe Geng of Vernon, CT, mailing address: United Technologies Research Center 411 Silver Lane, East Hartford, CT 06108, Vijaya Ramaraju Lakamraju of Avon, CT, mailing address: Otis Elevator Company, Five Farm Springs Road, Farmington, CT 06032, Nicholas Charles Soldner of Mountainview, CA, mailing address: 49 Showers Drive, #H450, Mountainview, CA 94040 and Alan Marchiori of East Hartford, CT, mailing address: United Technologies Research Center, 411 Silver Lane, East Hartford, CT 06108, have invented certain improvements in an "Onion Layer Encryption Scheme For Secure Multi-Access With Single Card", and described in patent applications as further identified hereinbelow, and

WHEREAS, Carrier Corporation, (hereinafter Assignee) a Delaware, U.S.A. corporation, having a place of business at 17900 Beeline Highway, Jupiter, Florida, United States of America, 33478, is desirous of acquiring the entire worldwide right, title and interest in and to said invention or inventions and any and all patents, utility models, design patents or other industrial property rights to be obtained therefore;

NOW, THEREFORE, in consideration of inventor compensation determined and paid in accordance with the United Technologies Building & Industrial Systems Employee Inventor Compensation Award Policy, the undersigned do hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, to the extent owned or assignable by the undersigned, all right, title and interest in and to:

- said invention or inventions, as described in the aforesaid patent applications, in any form or embodiment thereof, and in and to the aforesaid applications;

- any application filed in any country, jurisdiction or other authority based thereon, including direct or indirect nonprovisional, divisional, continuation-in-part or substitute applications, and including the right to file said applications under the provisions of the Paris Convention for the Protection of Industrial Property, the Patent Corporation Treaty or other international convention or agreement;

- any and all patents or reissues or extensions thereof to be obtained in any country, jurisdiction or other authority which may be filed upon said invention or inventions in any country or other authority;

- all such rights relating to prior infringements, retroactive or past royalties, provisional rights, and other retroactive or past relief or compensation.

The undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to Assignee or its successors and assigns.

The undersigned further agrees, to communicate to Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in any country.

The undersigned hereby authorizes the Assignee to insert the application number and filing date of the above-noted US nonprovisional patent application into the following spaces, when known:

Application No.	62/187,455
Country or Receiving Office	US
Filing Date	July 1, 2015
Inventor	Devu Manikantan Shila, Penghe Geng, Vijaya Ramaraju Lakamraju, Nicholas Charles Soldner, and Alan Marchiori

Application No.	15/195,002
Country or Receiving Office	US
Filing Date	June 28, 2016
Inventors	Devu Manikantan Shila, Penghe Geng, Vijaya Ramaraju Lakamraju, Nicholas Charles Soldner, and Alan Marchiori

IN TESTIMONY WHEREOF, the undersigned has hereunto set his hand and seal on the date after his signature.

(L.S.) 
Devu Manikantan Shila

Nov 22, 2016
Date

(L.S.) _____
PengheGeng

Date

(L.S.) _____
Vijaya Ramaraju Lakamraju

Date

(L.S.) _____
Nicholas Charles Soldner

Date

(L.S.) _____
Alan Marchiori

Date

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(L.S.) _____
Devu Manikantan Shila

(L.S.)  _____
Penghe Geng

Date

Date 11/2/2016

(L.S.) _____
Vijaya Ramaraju Lakamraju

Date

(L.S.) _____
Nicholas Charles Soldner

Date

(L.S.) _____
Alan Marchiori

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(L.S.) _____
Devu Manikantan Shila

Date

(L.S.) _____
PengheGeng

Date

(L.S.) *Vijaya Ramaraju Lakshminaraju*
Vijaya Ramaraju Lakshminaraju

20th Nov 2016
Date

(L.S.) _____
Nicholas Charles Soldner

Date

(L.S.) _____
Alan Marchiori

Date

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11/01/2016

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Date

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Date

(L.S.)
Alan Marchiori

11/1/16
Date