

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4818432

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKAYUKI SASAKI	09/29/2017
ADRIAN PERRIG	10/26/2017
SRDJAN CAPKUN	10/26/2017
CLAUDIO SORIENTE	10/08/2017
RAMYA JAYARAM MASTI	10/27/2017
JASON LEE	10/06/2017
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Postal Code:	108-8001
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15572871
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NAME OF SUBMITTER:	RAQUEL GARCIA
SIGNATURE:	/RAQUEL GARCIA/
DATE SIGNED:	02/09/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 10

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ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I/we, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; (the "invention") and

Whereas, NEC CORPORATION of 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan, (assignee), desires to acquire the entire and exclusive right, title, and interest in the application and invention, and to any patents that may be obtained therefor in the United States, in any U.S. territorial possessions, and in any and all foreign countries;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/we, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire and exclusive right, title and interest in the application and the invention disclosed therein for the United States, U.S. territorial possessions, and in any and all foreign countries, including all divisions, and continuations, and continuations-in-part thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues and reexaminations, renewals, and substitutions thereof, and including the right to claim priority under 35 U.S.C. §119, and all rights for past infringement, under the International Convention, and under any other relevant International Treaties and Arrangements, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; I/we will execute without further consideration all papers deemed necessary by the assignee, and generally perform all necessary acts to aid the assignee, its successors and assigns, to obtain and enforce proper protection for the invention in connection with the United States and foreign applications, including but not limited to all divisional, continuation, reissue and other applications for Letters Patent on the invention and execute all assignments thereof to the above named assignee its successors and assigns, when called upon to do so by the assignee; and I/we will communicate to the above named assignee or its representatives all facts known to the undersigned respecting the invention, whenever requested, testify in any legal proceedings in which any of the applications or patents may become involved, and do generally everything necessary to assist the above named assignee its successors or assigns to obtain patent protection for the invention in the United States and foreign countries.

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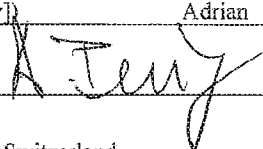
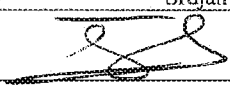
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NAME OF SOLE OR FIRST INVENTOR:	
Given Name (first and middle [if any])	Takayuki
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Family Name or Surname	CAPKUN
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Given Name (first and middle [if any])	Claudio
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Family Name or Surname	JAYARAM MASTI
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NAME OF SOLE OR FIRST INVENTOR:	
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Family Name or Surname	PERRIG
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Family Name or Surname	CAPKUN
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NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any])	Ramya
Family Name or Surname	JAYARAM MASTI
Inventor's signature	Date
Residence: Zurich, Switzerland	
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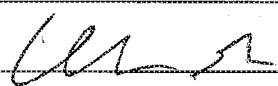
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Given Name (first and middle [if any])	Takayuki
Family Name or Surname	SASAKI
Inventor's signature	Date
Residence: Tokyo, Japan	
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Given Name (first and middle [if any])	Claudio
Family Name or Surname	SORIENTE
Inventor's signature 	Date 1/8/16
Residence: Zurich, Switzerland	
Mailing Address: c/o Eidgenoessische Technische Hochschule Zuerich, Universitaetsstrasse 6, Zurich 8092, Switzerland	
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Family Name or Surname	JAYARAMMASTI
Inventor's signature	Date
Residence: Zurich, Switzerland	
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PATENT

REEL: 044881 FRAME: 0809

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Given Name (first and middle [if any])	Takayuki
Family Name or Surname	SASAKI
Inventor's signature	Date
Residence: Tokyo, Japan	
Mailing Address: c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan	
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Inventor's signature	Date
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Mailing Address: c/o Eidgenoessische Technische Hochschule Zuerich, Universitaetsstrasse 6, Zurich 8092, Switzerland	
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Given Name (first and middle [if any])	Srdjan
Family Name or Surname	CAPKUN
Inventor's signature	Date
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Given Name (first and middle [if any])	Claudio
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NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any])	Ramya
Family Name or Surname	JAYARAM MASTI
Inventor's signature	Date
Inventor's signature	Ramya Jayaram M
Date	27 th Oct, 2017
Residence: Zurich, Switzerland	
Mailing Address: c/o Eidgenoessische Technische Hochschule Zuerich, Universitaetsstrasse 6, Zurich 8092, Switzerland	

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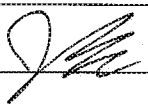
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NAME OF SIXTH INVENTOR:	
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Family Name or Surname	LEE
Inventor's signature	
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NAME OF SEVENTH INVENTOR:	
Given Name (first and middle [if any])	
Family Name or Surname	
Inventor's signature	
Date	
Residence:	
Mailing Address:	
NAME OF EIGHTH INVENTOR:	
Given Name (first and middle [if any])	
Family Name or Surname	
Inventor's signature	
Date	
Residence:	
Mailing Address:	
NAME OF NINTH INVENTOR:	
Given Name (first and middle [if any])	
Family Name or Surname	
Inventor's signature	
Date	
Residence:	
Mailing Address:	
NAME OF TENTH INVENTOR:	
Given Name (first and middle [if any])	
Family Name or Surname	
Inventor's signature	
Date	
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