

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4784359

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STANISLAW ANTOL	01/17/2018
ABHIJIT BENDALE	01/19/2018
SIMON J. GIBBS	01/19/2018
WON J. JEON	01/17/2018
HYUN JAE KANG	01/19/2018
JIHEE KIM	01/17/2018
BO LI	01/16/2018
ANTHONY S. LIOT	01/17/2018
LU LUO	01/17/2018
ZHIHAN YING	01/17/2018
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU
City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15875393
CORRESPONDENCE DATA	
Fax Number:	(424)229-6815
<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:	424-229-6800
Email:	patent@shermanip.com
Correspondent Name:	SHERMAN IP LLP (SRA)
Address Line 1:	1519 26TH STREET
Address Line 4:	SANTA MONICA, CALIFORNIA 90404
ATTORNEY DOCKET NUMBER:	SAM2S-P.E12
NAME OF SUBMITTER:	HEMAVATHY PERUMAL, LTD. REG. NO. L0752

SIGNATURE:	/Hemavathy Perumal/
DATE SIGNED:	01/19/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 30

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT

Title of Invention	VISION INTELLIGENCE MANAGEMENT FOR ELECTRONIC DEVICES
-----------------------	---

As the undersigned inventor, I hereby declare that:

This combined declaration and assignment is directed to: The attached application, or
 United States application or PCT International application number _____
filed on _____

The above-identified application was made or authorized to be made by me.

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NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.

We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.

I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF FIRST INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Stanislaw Antol Date: 01/17/2018

Signature: *Stanislaw Antol*

LEGAL NAME OF SECOND INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Abhijit Bendale Date: _____

Signature: _____

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Simon J. Gibbs Date: _____

Signature: _____

LEGAL NAME OF FOURTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Won J. Jeon Date: _____

Signature: _____

LEGAL NAME OF FIFTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Hyun Jae Kang Date: _____

Signature: _____

LEGAL NAME OF SIXTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Jihee Kim Date: _____

Signature: _____

LEGAL NAME OF SEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Bo Li Date: _____

Signature: _____

LEGAL NAME OF EIGHTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Anthony S. Liot Date: _____

Signature: _____

LEGAL NAME OF NINTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Lu Luo Date: _____

Signature: _____

LEGAL NAME OF TENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Pranav K. Mistry Date: _____

Signature: _____

LEGAL NAME OF ELEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: **Zhihan Ying** Date: _____

Signature: _____

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET
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LEGAL NAME OF FIRST INVENTOR (e.g., full first name, middle initial, last name)
 Inventor: Stanislaw Antol Date: _____
 Signature: _____

LEGAL NAME OF SECOND INVENTOR (e.g., full first name, middle initial, last name)
 Inventor: Abhijit Bendale Date: 01/19/2012
 Signature: 

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Simon J. Gibbs Date: _____

Signature: _____

LEGAL NAME OF FOURTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Won J. Jeon Date: _____

Signature: _____

LEGAL NAME OF FIFTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Hyun Jae Kang Date: _____

Signature: _____

LEGAL NAME OF SIXTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Jihee Kim Date: _____

Signature: _____

LEGAL NAME OF SEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Bo Li Date: _____

Signature: _____

LEGAL NAME OF EIGHTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Anthony S. Liot Date: _____

Signature: _____

LEGAL NAME OF NINTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Lu Luo Date: _____

Signature: _____

LEGAL NAME OF TENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Pranav K. Mistry Date: _____

Signature: _____

LEGAL NAME OF ELEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: **Zhihan Ying** Date: _____

Signature: _____

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Simon J. Gibbs Date: 1/17/12

Signature: 

LEGAL NAME OF FOURTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Won J. Jeon Date: _____

Signature: _____

LEGAL NAME OF FIFTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Hyun Jae Kang Date: _____

Signature: _____

LEGAL NAME OF SIXTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Jihee Kim Date: _____

Signature: _____

LEGAL NAME OF SEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Bo Li Date: _____

Signature: _____

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Inventor: Anthony S. Liot Date: _____

Signature: _____

LEGAL NAME OF NINTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Lu Luo Date: _____

Signature: _____

LEGAL NAME OF TENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Pranav K. Mistry Date: _____

Signature: _____

LEGAL NAME OF ELEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Zhihan Ying Date: _____

Signature: _____

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(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	VISION INTELLIGENCE MANAGEMENT FOR ELECTRONIC DEVICES
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LEGAL NAME OF FIRST INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Stanislaw Antol Date: _____

Signature: _____

LEGAL NAME OF SECOND INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Abhijit Bendale Date: _____

Signature: _____

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Simon J. Gibbs Date: _____

Signature: _____

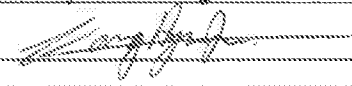
LEGAL NAME OF FOURTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Won J. Jeon Date: _____

Signature: _____

LEGAL NAME OF FIFTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Hyun Jae Kang Date: Jun 19 2018

Signature: 

LEGAL NAME OF SIXTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Jihce Kim Date: _____

Signature: _____

LEGAL NAME OF SEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Bo Li Date: _____

Signature: _____

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Inventor: Anthony S. Liot Date: _____

Signature: _____

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Inventor: Lu Luo Date: _____

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Inventor: Pranav K. Mistry Date: _____

Signature: _____

LEGAL NAME OF ELEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Zhiban Ying Date: _____

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Inventor: <u>Stanislaw Antol</u> Date: _____
Signature: _____

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Inventor: <u>Abhijit Bendale</u> Date: _____
Signature: _____

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Inventor: Simon J. Gibbs Date: _____

Signature: _____

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Inventor: Jihee Kim Date: _____

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Inventor: Anthony S. Liot Date: _____

Signature: _____

LEGAL NAME OF NINTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Lu Luo Date: 01/17/2018

Signature: 

LEGAL NAME OF TENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Pranav K. Mistry Date: _____

Signature: _____

LEGAL NAME OF ELEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: **Zhihan Ying** Date: _____

Signature: _____

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Inventor: Simon J. Gibbs Date: _____

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Inventor: Anthony S. Liot Date: 01/17/2018

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 Inventor: Stanislaw Antof Date: _____
 Signature: _____

LEGAL NAME OF SECOND INVENTOR (e.g., full first name, middle initial, last name):
 Inventor: Abhijit Bendale Date: _____
 Signature: _____

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Inventor: Simon J. Gibby Date: _____

Signature: _____

LEGAL NAME OF FOURTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Won J. Jeon Date: 1/11/2018

Signature: 

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Inventor: Hyun Jae Kang Date: _____

Signature: _____

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Inventor: Jhee Kim Date: _____

Signature: _____

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Inventor: Bo Li Date: _____

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Inventor: Anthony S. Liot Date: _____

Signature: _____

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Inventor: Lu Luo Date: _____

Signature: _____

LEGAL NAME OF TENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Pranav K. Mistry Date: _____

Signature: _____

1922 Patent Application No. 1,611,000

Filed July 10, 1922

Patented July 10, 1922

1922 Patent Application No. 1,611,000

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Simon J. Gibbs Date: _____

Signature: _____

LEGAL NAME OF FOURTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Won J. Jeon Date: _____

Signature: _____

LEGAL NAME OF FIFTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Hyun Jae Kang Date: _____

Signature: _____

LEGAL NAME OF SIXTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Jihee Kim Date: 5/19/2018

Signature: 

LEGAL NAME OF SEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Bo Li Date: _____

Signature: _____

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Inventor: Anthony S. Liot Date: _____

Signature: _____

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Inventor: Lu Luo Date: _____

Signature: _____

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Inventor: Pranav K. Mistry Date: _____

Signature: _____

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Inventor: **Zhihan Ying** Date: _____

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I have reviewed and understand the contents of the application including the claims, for which this combined declaration and assignment is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do, Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in said invention and to any patent that may be granted thereon in the United States and foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.

We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.

I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF FIRST INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Stanislaw Antol Date: _____

Signature: _____

LEGAL NAME OF SECOND INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Abhijit Bendale Date: _____

Signature: _____

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)
Inventor: Simon J. Gibbs Date: _____
Signature: _____

LEGAL NAME OF FOURTH INVENTOR (e.g., full first name, middle initial, last name)
Inventor: Won J. Jeon Date: _____
Signature: _____

LEGAL NAME OF FIFTH INVENTOR (e.g., full first name, middle initial, last name)
Inventor: Hyun Jae Kang Date: _____
Signature: _____

LEGAL NAME OF SIXTH INVENTOR (e.g., full first name, middle initial, last name)
Inventor: Jihee Kim Date: _____
Signature: _____

LEGAL NAME OF SEVENTH INVENTOR (e.g., full first name, middle initial, last name)
Inventor: Bo Li Date: Jan / 16 / 2018
Signature: Bo Li

LEGAL NAME OF EIGHTH INVENTOR (e.g., full first name, middle initial, last name)
Inventor: Anthony S. Liot Date: _____
Signature: _____

LEGAL NAME OF NINTH INVENTOR (e.g., full first name, middle initial, last name)
Inventor: Lu Luo Date: _____
Signature: _____

LEGAL NAME OF TENTH INVENTOR (e.g., full first name, middle initial, last name)
Inventor: Pranav K. Mistry Date: _____
Signature: _____

LEGAL NAME OF ELEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Zhihan Ying Date: _____

Signature: _____

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	VISION INTELLIGENCE MANAGEMENT FOR ELECTRONIC DEVICES
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As the undersigned inventor, I hereby declare that:

This combined declaration and assignment is directed to: The attached application, or
 United States application or PCT International application number _____
 filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application including the claims, for which this combined declaration and assignment is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

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NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.

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LEGAL NAME OF FIRST INVENTOR (e.g., full first name, middle initial, last name)
Inventor: <u>Stanislaw Antol</u> Date: _____
Signature: _____

LEGAL NAME OF SECOND INVENTOR (e.g., full first name, middle initial, last name)
Inventor: <u>Abhijit Bendale</u> Date: _____
Signature: _____

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Simon J. Gibbs Date: _____

Signature: _____

LEGAL NAME OF FOURTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Won J. Jeon Date: _____

Signature: _____

LEGAL NAME OF FIFTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Hyun Jae Kang Date: _____

Signature: _____

LEGAL NAME OF SIXTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Jihee Kim Date: _____

Signature: _____

LEGAL NAME OF SEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Bo Li Date: _____

Signature: _____

LEGAL NAME OF EIGHTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Anthony S. Liot Date: _____

Signature: _____

LEGAL NAME OF NINTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Lu Luo Date: _____

Signature: _____

LEGAL NAME OF TENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Pranav K. Mistry Date: _____

Signature: _____

LEGAL NAME OF ELEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Zhihan Ying

Date: 1/17/2018

Signature: Zhihan