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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIELE GISLON	06/06/2016
LUIGI DE SANTI	06/06/2016
THOMAS MICHELETTI	06/06/2016
ANDREA BACCINI	06/06/2016
MIRKO GALASSI	06/06/2016
ROBERTO BOSCHERATTO	06/06/2016

RECEIVING PARTY DATA

Name: APPLIED MATERIALS ITALIA S.R.L.	
Street Address:	VIA POSTUMIA OVEST, 244 FRAZIONE OLMI
City:	SAN BIAGIO DI CALLALTA
State/Country:	ITALY
Postal Code:	31048

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15326711

CORRESPONDENCE DATA

Fax Number: (713)623-4846

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: 7136234844

Email: psdocketing@pattersonsheridan.com,

nhouston@pattersonsheridan.com

Correspondent Name: PATTERSON & SHERIDAN, L.L.P. Address Line 1: 24 GREENWAY PLAZA, SUITE 1600

Address Line 4: HOUSTON, TEXAS 77046

ATTORNEY DOCKET NUMBER:	ZIMR/0388USP/NHOUSTON
NAME OF SUBMITTER:	KEITH M. TACKETT
SIGNATURE:	/KEITH M. TACKETT/
DATE SIGNED:	05/01/2017

PATENT REEL: 042191 FRAME: 0863 504345207

Total Attachments: 2

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PATENT REEL: 042191 FRAME: 0864

ASSIGNMENT FOR APPLICATION

WHEREAS:

1)	Mr. Daniele Gislon via. C. Battisti 3/C Santa Maria di Sala - Venice 30036 Italy	2)	Mr. Luigi De Santi Via G. Leopardi, 4A Spresiano (TV) 31027 Italy
3)	Mr. Thomas Micheletti Via Alcide de Gasperi, 28 Mogliano Veneto Treviso 31021 Italy	4)	Mr. Andrea Baccini Via Duca D'Aosta 60 Mignagola di Carbonera (TV) 31030 Italy
5)	Mr. Mirko Galassi Via Rigamonti 13/A Treviso 31100 Italy	6)	Mr. Roberto Boscheratto Via Serravalle, 18/A San Fior (TV) 31020 Italy

(hereinafter referred to as Assignors), have invented certain inventions currently entitled:

Apparatus for manufacture of at least two solar cell arrangements, system for manufacture of at least two shingled solar cells, and method for manufacture of at least two solar cell arrangements

described in the invention disclosure form no. 023718 and for which a International patent application was filed on 6 May 2016, under application No. PCT/EP2016/060196;

and

WHEREAS, APPLIED MATERIALS ITALIA S.R.L., having a place of business at Via Postumia Ovest, 244 Frazione Olmi, San Biagio di Callalta (TV), 31048, ITALY (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the inventions disclosed therein (hereinafter referred to as Inventions), and in and to all embodiments of the Inventions and improvements thereof, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. The Assignors take oath and state that the Assignors hereby confirm assignment by operation of law through the assigning, transferring, conveying and selling to Assignee the full, entire, and exclusive right, title and interest by operation of law, under Proprietary Information Agreement or (as applicable) arising out of other agreements and/or for other good and valuable consideration of which I/we acknowledge receipt, in and to, and should any of us have any remaining interest, hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest in and to (a) said Application and said Inventions and improvements; (b) all rights to apply for patents on said Inventions and improvements in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) any and all Applications filed and any and all Patents granted on said Inventions and improvements in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) each and every reissue or extension of any of said Patents.
- Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Inventions and improvements herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and

PATENT REEL: 042191 FRAME: 0865 documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions and improvements; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Inventions and improvements; and (f) for legal proceedings involving said Inventions and improvements and any applications therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. The parties hereto acknowledge the contractual language of this agreement is English.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

	406-06-2000	Lats De
1)	Date	Daniele Gislon
	06-06-206	9.49.
2)	Date	Luigi De Santi
	14/06/2016	ted Mil
3)	Date '	Thomas Micheletti
	06-06-2016	
4)	Date	Andrea Baccini ///
	06-06-2016	Ellen Min
5)	Date	Mirko Salassi
	8/06/2012	Rus Bus
6)	Daté '	Robertò Boscheratto

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RECORDED: 05/01/2017