PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CSEM Centre Suisse d'Electronique et de Microtechnique SA - Recherche et Developpement	09/08/2009

RECEIVING PARTY DATA

Name:	Nolaris SA
Street Address:	Rue Jaquet-Droz 1
Internal Address:	c/o CSEM Centre Suisse d'Electronique et de Microtechnique SA - Recherche et Developpement
City:	Neuchatel
State/Country:	SWITZERLAND
Postal Code:	CH-2002

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12554455

OP $40.00 12554455

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	NOLA-4E3
NAME OF SUBMITTER:	Thomas J. Burger

Total Attachments: 11

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PATENT ASSIGNMENT

WHEREAS CSEM Centre Suisse d'Electronique et de Microtechnique SA - Recherche et Développement, a corporation of Switzerland, with an address at Rue Jaquet-Droz 1, CH-2002 Neuchâtel, Switzerland ("CSEM"), is the correct name of the Assignee identified in a document entitled "Assignment of Patent Rights," executed by the four named inventors of PCT Application No. PCT/IB2008/002723, filed on March 3, 2008, and entitled "Man Made Island With Solar Energy Collection Facilities" ("the PCT '723 application"). And as the Assignee of this "Assignment of Patent Rights," CSEM owns all of the worldwide right, title, and interest in and to the inventions invented by the four inventors and described in the PCT '723 application (the "PATENT RIGHTS").

WHEREAS Nolaris SA, a corporation of Switzerland, with an address at Rue Jaquet-Droz 1, c/o CSEM Centre Suisse d'Electronique et de Microtechnique SA - Recherche et Développement, CH-2002 Neuchâtel, Switzerland ("Nolaris"), wishes to acquire the PATENT RIGHTS from CSEM, and CSEM wishes to transfer the PATENT RIGHTS to Nolaris.

Now, therefore, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, CSEM hereby assigns and transfers to Nolaris all of the PATENT RIGHTS, as identified in the above-referenced "Assignment of Patent Rights."

CSEM hereby authorizes and requests the United States Commissioner of Patents to issue to Nolaris, and/or to its legal representatives and assigns, each and every United States Letters Patent to be granted on any application related to the PCT '723 application, and/or each and every future U.S. patent to be granted upon the subject matter disclosed therein.

CSEM and Nolaris understand that a duplicate of the signed original version of this document may be submitted to one or more various Patent Offices around the world, as deemed necessary by Nolaris, to record this Assignment. CSEM and Nolaris also understand that such Patent Offices may require additional verification and/or documentation of the patent transfer embodied in this Assignment. In such instances, CSEM will fully cooperate with respect to any such additional paperwork needed, at Nolaris' request. CSEM and Nolaris acknowledge that any such additional paperwork generated for the purpose of complying with the procedural requirements of any particular country or region are to be considered secondary documents, compared to this assignment document, such that this document supersedes all other documents with respect to this patent assignment from CSEM to Nolaris.

CSEM Centre Suisse
d'Electronique et de
Microtechnique SA -
Recherche et Développement

Name: André Laville
Title: Executive Vice-President
Chief Financial Officer

Neuchâtel, le 25.11.09
Signature / Date

Nolaris SA

Name: Thomas Hinderling
Title: President

Neuchâtel, le 25.11.09
Signature / Date

CSEM Centre Suisse
d'Electronique et de
Microtechnique SA -
Recherche et Développement

Name: Gabrielle Desaules

Title: Section Head
Legal & IP Department

25.11.09
Signature / Date

Nolaris SA

Name: Virginie Carniel

Title: Director

25.11.09
Signature / Date

1054051v1

Translation of the contract entitled "Contrat de transfert de demandes de brevets et de brevet"

Assignment Agreement regarding patent applications and patents

between

CSEM Centre Suisse d'Electronique et de Microtechnique SA
Jaquet-Droz 1, CH-2002 Neuchâtel
represented by Mr. André Laville and Mrs Gabrielle Desaules
(hereinafter referred to as "CSEM")

and

Nolaris SA
rue Jaquet-Droz 1, c/o CSEM Centre Suisse d'Electronique et de Microtechnique SA
represented by Mr. Thomas Hinderling
(hereinafter referred to as "Nolaris")

(hereinafter individually referred to as "Party" the and collectively referred to as the "Parties").

1. Assignment

CSEM hereby assigns to Nolaris, which accepts, all patent applications and patents mentioned in Appendix I and all the related rights, titles and interests (hereinafter referred to as "Patents"). The Assignment of these Patents also applies to rights, title and interest and intellectual property rights arising out of these Patents. The priority rights resulting from the filing of each of the Patents are also assigned to Nolaris. Nolaris will register, at its own expenses, the transfer of the Patents in the registers of the concerned Patent Offices. CSEM agrees to provide upon request of Nolaris, all documents and signatures that are necessary to Nolaris to peaceful enjoyment of ownership of the Patents and the rights attaching thereto.

Annual fees for the maintenance of the Patents have been duly paid.

The transfer of ownership and the transfer of risks to the Patents shall have retroactive effect as from 1st of August 2009. All rights and obligations with regard to the Patents are transferred to Nolaris as from this date and Nolaris will be alone in charge of the maintenance of these Patents, at its sole costs.

CSEM represents that it has the full and entire property of the Patents, that CSEM has not granted any licenses to any third party and that the Patents are free and clear of any security interests and other third party rights of any nature. CSEM also represents that there are no third party claims pending that would challenge the validity of the Patents.

2. **Assignment of property**

The assignment shall have retroactive effect as from August 1, 2009.

3. **Exclusion of warranty**

The assignment of the Patents is made without any warranty, express or implied. The profits and risks are transferred to Nolaris as from August 1, 2009.

4. **Consideration**

In consideration for the assignment set forth herein, Nolaris shall pay CSEM the sum of CHF 1.-. CSEM acknowledges receipt of this amount.

5. **Appendix**

The Appendix I forms an integral part of this Agreement.

CSEM Centre Suisse d'Electronique et de Microtechnique SA

André Laville Executive Vice-President Chief Financial Officer	Gabrielle Desaules Section Head Legal & IP Department

Date:

Nolaris SA

Thomas Hinderling Président	Virigine Carniel Directrice

Date:

Contrat de transfert de demandes de brevets et de brevets

entre

CSEM Centre Suisse d'Electronique et de Microtechnique SA
Jaquet-Droz 1, CH-2002 Neuchâtel
Représentée par Monsieur André Laville et Madame Gabrielle Desaules
(ci-après nommée "le CSEM")

d'une part

et

Nolaris SA
rue Jaquet-Droz 1, c/o CSEM Centre Suisse d'Electronique et de Microtechnique SA
Représentée par Monsieur Thomas Hinderling
(ci-après nommée "Nolaris")

d'autre part

(ci-après nommées la "partie" individuellement et les "parties" collectivement)

1. Exposé

Le CSEM transfère à Nolaris, qui accepte, toutes les demandes de brevets et brevets mentionnés à l'**Annexe I**.

Ce transfert a lieu pour le prix de CHF 1.- (un franc).

2. Objet du transfert

Le CSEM transfère à Nolaris les demandes de brevet et les brevets listés dans l'**Annexe I** et tous les droits, titres et intérêts y afférents. La cession de ces demandes de brevet et brevets s'étend aux titres et aux droits de propriété intellectuelle subséquents qui pourraient découler de ces demandes de brevet et brevets. Les droits de priorité résultant du dépôt de chacune des demandes de brevet précitées sont également cédés à Nolaris. Nolaris fera inscrire, à ses frais, le transfert des brevets au registre des offices concernés. Le CSEM s'engage à fournir, sur simple requête de Nolaris, toutes pièces et signatures qui seraient nécessaires pour que Nolaris puisse jouir paisiblement de la propriété des demandes de brevet et des brevets précités, et des droits qui y sont attachés.

Les annuités de maintien en vigueur des demandes de brevet et brevets précités ont été régulièrement acquittées.

Le transfert de propriété et des risques des brevets se fait de manière rétroactive au 1er août 2009. Tous les droits et obligations liés aux demandes de brevets et brevets sont donc dès cette date transférés à Nolaris qui devient seule en charge du maintien des brevets, et ce à ses frais.

Le CSEM déclare qu'il a la propriété pleine et entière des demandes de brevet et des brevets précités, qu'il n'en a consenti aucune licence, que ces titres ne sont grevés d'aucun nantissement ou de droit de gage, et qu'il est en mesure de les céder librement. Le CSEM déclare également n'avoir aucun litige quant à la propriété des demandes de brevet et brevets précités.

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3. **Transfert de propriété**

Le transfert des demandes de brevets et brevets prend effet le 1er août 2009.

4. **Exclusion de garantie**

Le transfert des demandes de brevets et brevets à Nolaris se fait sans garantie aucune. Les profits et risques des demandes de brevets et brevets transférés passent à Nolaris au 1er août 2009.

5. **Prix du transfert – paiement**

D'entente entre les parties, le prix pour ce transfert de patrimoine se monte à CHF 1.-. Le CSEM atteste avoir reçu cette somme.

6. **Annexe**

L'Annexe I fait partie intégrante de ce contrat.

En foi de quoi, les parties dûment représentées ont signé le présent contrat.

Pour et au nom de:

CSEM Centre Suisse d'Electronique et de Microtechnique SA

André Laville
Executive Vice-President
Chief Financial Officer

Gabrielle Desaules
Section Head
Legal & IP Department

Date: 8.9.2009

Nolaris SA

Thomas Hinderling
Président

Virgine Carniel
Directrice

Date: 8.9.2009

CSEM_____ Nolaris_____

ANNEXE I au Contrat de transfert de demandes de brevets et de brevets

CSEM Number	Applicant	Country	Filing date	Status	Claim 1 or Abstract
CSEM 419 « Plateforme solaire »	CSEM	CH01227/06	29.07.2006	CH Pending	« Plateforme solaire flottante comportant un pont (10, 21) relié à des éléments de flottaison (11), des moyens de captage (14, 23) de l'énergie solaire reçue, associés audit pont et disposés sur celui-ci, des moyens de conversion de cette énergie (16, 24), des moyens de stockage (19) du produit de cette conversion et des premiers moyens de propulsion (12) permettant de la déplacer vers des lieux où elle peut bénéficier d'un ensoleillement optimum, des moyens d'asservissement de ses trajectoires, agissant sur lesdits moyens de propulsion et comportant un système de navigation associé à un algorithme d'optimisation prédictive de la position en latitude et en longitude, tenant compte de conditions météorologiques locales ou de données logistiques particulières pour un choix optimum de sa localisation, caractérisée en ce que ledit algorithme permet, en plus, d'ajuster la position de la plateforme en fonction de la date du jour où elle se trouve ».
	CSEM	PCT/EP2007/056658 Entries into regional/ national phases: Algeria (DZ090112) Australia (AU2007280587) Brazil (PI0714976-0) Egypt (PCT/EP2007/056658) European Patent Convention (EP07765766.6) Hong-Kong (HK09105959.9) India (300/MUMNP/2009) Libya (PCT/EP2007/056658) Mauritania (PCT/EP2007/056658) Morocco (PV/31601) Namibia (AP/P/2009/004765) Tunisia (PCT/EP2007/056658) United Arab Emirates (P424/09) United States of America (US12/375594)	03.07.2007	PCT Published with its search report (N° WO2008/015064) Regional / National phases pending.	

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CSEM 442 « Man made Island in Solar Energy Collection Facilities »	CSEM	US60/892,956 (US Provisional)	05.03.2007	Expired on 05.03.2008	« A solar energy collection system comprising : - a platform floating above a body of fluid of suitable viscosity, the platform including an outer ring structure and flexible cover that sealingly enclose a top end of the outer ring structure, thereby to define an enclosed volume below the cover, - a compressor for creating an over-pressure condition within the enclosed volume; - at least one solar radiation collector held above the cover; - an upper structure located above the cover and supporting the at least one solar radiation collector; and the platform being rotatable about a center horizontal axis thereof, thereby to enable the orientation of the at least one solar radiation collector to be variable and placed at a desired orientation depending on the angular position of the sun ».
	CSEM	PCT/IB2008/002723 (The application claims CSEM 442 US PRO, CSEM 459 US PRO. CSEM 465 US PRO)	05.03.2008	PCT Published with its search report (N° WO2009/001225)	
	CSEM	US12/188,351 (US Regular)	08.08.2008	Pending	
	CSEM	US12/485,509 (CIP)	15.06.09	Pending	

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CSEM 464 « Steam Storage System for Artificial Solar Island »	CSEM	US61/027,248 (US Provisional)	08.02.2008	Expired on 08.02.2009	« A system for producing solar-thermal energy at desired temperature and pressure range, and having a primary energy source that it used in a Clausius Rankine cycle to produce electrical energy, comprising at least one steam storage tank located in close proximity to a plurality of solar collectors so as to minimize heat dissipation, and where the at least one steam storage tank feeds the expansion step in the Clausius Rankine cycle, thereby to achieve reliable operation of the solar-thermal power plant during times of insufficient or no solar radiation received by the solar collectors ».
	CSEM	PCT/IB2009/00223 (The application claims CSEM 500 US PRO)	06.02.2009	Pending	
	CSEM	CL n° 285-2009	06.02.2009	Pending	
CSEM 465 « Solar Island »	CSEM	US61/030.390 (US Provisional) (The priority of this application is claimed within CSEM 442/PCT)	21.02.2008	Expired on 21.02.2009	« Platform floating above a body of fluid having solar radiation collectors attached to it, where the platform is turned around its vertical axis with the angular velocity of the sun and where such platform shows the following design features : an outer ring structure that is up to several meters tall, - a top platform cover made of UV-resistant membrane that is attached airtight to the outer ring structure, - a space-frame structure above the airtight top cover that is both attached to the cover and also holds the solar radiation collectors ».
CSEM 493 « Photovoltaic Solar Island »	CSEM	US 61/144,238 (US Provisional) (The priority of this application is claimed within CSEM 461/PCT)	13.01.2009	To be expired on 13.01.2010	No abstract for the moment

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CSEM 459 « Solar Island »	CSEM	US 61/015.263 (US Provisional) (The priority of this application is claimed within CSEM 442)	20.12.2007	Expired on 20.12.2008	« Platform floating above a body of fluid having solar radiation collectors attached to it, where the platform is turned around its vertical axis with the angular velocity of the sun and where such platform encloses a volume of air at slight over-pressure under the platform with such platform showing the following design features : - an outer ring structure that is up to several meters tall, - a top platform cover made of UV resistant foil material that is attached airtight to the outer ring structure, - a space-frame structure above the airtight top cover that is both attached to the cover and also holds the solar radiation collectors, - a compressor unit maintains an over-pressure under the top cover of the platform ».
CSEM 461 « Photovoltaic Solar Island »	CSEM	US61/021,091(US Provisional)	15.01.2008	Expired on 15.01.2009	« Platform floating above a body of fluid having photovoltaic solar collectors mounted above linear Fresnel lenses providing concentration of solar radiation (up to 20 times the normal solar irradiation) onto said photovoltaic solar collectors, where the platform is turned around its vertical axis with the angular velocity of the sun and where such platform encloses a volume of air at slight over-pressure under the platform with such platform showing the following design features: - an outer ring structure that is up to several meters tall, - a top platform cover made of UV resistant foil material that is attached airtight to the outer ring structure, - a space-frame structure above the airtight top cover that is both attached to the cover and also holds the solar radiation collectors, - a compressor unit that maintains an over-pressure under the top cover of the platform ».
	CSEM	PCT/IB2009/000055 (The application claims CSEM 493 US PRO)	14.01.2009	Published (N° WO2009/090538)	
	CSEM	CL No. 81-2009	15.01.2009	Pending	

CSEM _____ Notaris _____

CSEM 500 « Steam Storage System for Artificial Solar Island »	CSEM	US61/149,867 (US Provisional) (The priority of this application is claimed within CSEM 464/PCT)	04.02.2009	To be expired on 04.02.2010	« A system for producing solar-thermal energy at a desired temperature and pressure range, comprising: - A primary energy source operable for use in a Clausius Rankine cycle, including at least one steam storage tank; -A plurality of solar collectors operatively connected to and located in close proximity to the steam storage tank, so as to minimize heat dissipation; and -Wherein the at least one steam storage tank feeds an expansion step in the Clausius Rankine cycle, thereby to achieve reliable operation of the solar thermal power plant during times of insufficient or no solar radiation received by the solar collectors ».

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