

PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	ePCT-Filing for data package download Version 4.11.007 MT/FOP 20230501/1.1
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	NGMS-032691-WO-ORD
I	Title of Invention	UNDERWATER VEHICLE DOCKING SYSTEM
II	Applicant	
II-1	This person is	Applicant only
II-2	Applicant for	All designated States
II-4	Name	NORTHROP GRUMMAN SYSTEMS CORPORATION
II-5	Address	2980 FAIRVIEW PARK DRIVE FALLS CHURCH, Virginia 22042-4511 United States of America
II-6	State of nationality	US
II-7	State of residence	US
II-8	Telephone No.	2164526787
II-9	Facsimile No.	2166214072
II-10	e-mail	lpringle@tarolli.com
II-10(a)	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	exclusively in electronic form (no paper notifications will be sent)
II-11	Applicant's registration No. with the Office	43660

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III-1	Applicant and/or inventor	
III-1-1	This person is	Applicant only
III-1-2	Applicant for	All designated States
III-1-4	Name	MONTEREY BAY AQUARIUM RESEARCH INSTITUTE
III-1-5	Address	7700 SANDHOLDT ROAD MOSS LANDING, California 95039 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	CA
III-1-8	Telephone No.	2166212234
III-1-9	Facsimile No.	2166214072
III-1-10	e-mail	lpringle@tarolli.com
III-1-10(a)	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	exclusively in electronic form (no paper notifications will be sent)
III-1-11	Applicant's registration No. with the Office	43660
III-2	Applicant and/or inventor	
III-2-1	This person is	Inventor only
III-2-3	Inventor for	All designated States
III-2-4	Name (LAST, First)	HAMILTON, ANDREW
III-2-5	Address	7700 Sandholdt Road Moss Landing, California 95039 United States of America
III-3	Applicant and/or inventor	
III-3-1	This person is	Inventor only
III-3-3	Inventor for	All designated States
III-3-4	Name (LAST, First)	HOBSON, BRETT
III-3-5	Address	7700 Sandholdt Road MOSS LANDING, California 95039 United States of America
III-4	Applicant and/or inventor	
III-4-1	This person is	Inventor only
III-4-3	Inventor for	All designated States
III-4-4	Name (LAST, First)	CAZENAVE, François
III-4-5	Address	7700 Sandholdt Road MOSS LANDING, California 95039 United States of America

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III-5	Applicant and/or inventor	
III-5-1	This person is	Inventor only
III-5-3	Inventor for	All designated States
III-5-4	Name (LAST, First)	JENSEN, SCOTT
III-5-5	Address	7700 Sandholdt Road MOSS LANDING, California 95039 United States of America
IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	Agent
IV-1-1	Name (LAST, First)	HARRIS, Christopher P.
IV-1-2	Address	1300 East Ninth Street Suite 1700 Cleveland, Ohio 44114 United States of America
IV-1-3	Telephone No.	2164526787
IV-1-4	Facsimile No.	2166214072
IV-1-5	e-mail	lpringle@tarolli.com
IV-1-5(a)	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	exclusively in electronic form (no paper notifications will be sent)
IV-1-6	Agent's registration No.	43660
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	16 May 2022 (16.05.2022)
VI-1-2	Number	63/342,291
VI-1-3	Country or Member of WTO	US
VI-2	Priority claim of earlier national application	
VI-2-1	Filing date	11 May 2023 (11.05.2023)
VI-2-2	Number	18/315,919
VI-2-3	Country or Member of WTO	US

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VI-3	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1 VI-2
VI-4	Incorporation by reference : where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a), or an element or part of the description, claims or drawings referred to in Rule 20.5bis(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.	
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (ISA/KR)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	1
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	4
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-

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VIII-1-1	Declaration: Identity of the Inventor Declaration as to the identity of the inventor (Rules 4.17(i) and 51bis.1(a)(i))	In relation to this international application
	Name (LAST, First) Address	HAMILTON, ANDREW of 7700 Sandholdt Road Moss Landing, California 95039 United States of America is the inventor of the subject matter for which protection is sought by way of this international application
	Name (LAST, First) Address	HOBSON, BRETT of 7700 Sandholdt Road MOSS LANDING, California 95039 United States of America is the inventor of the subject matter for which protection is sought by way of this international application
	Name (LAST, First) Address	CAZENAVE, François of 7700 Sandholdt Road MOSS LANDING, California 95039 United States of America is the inventor of the subject matter for which protection is sought by way of this international application
	Name (LAST, First) Address	JENSEN, SCOTT of 7700 Sandholdt Road MOSS LANDING, California 95039 United States of America is the inventor of the subject matter for which protection is sought by way of this international application

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VIII-3-1	Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name	In relation to this international application NORTHROP GRUMMAN SYSTEMS CORPORATION is entitled to claim priority of earlier application No. US 63/342,291 by virtue of the following:
VIII-3-1 (iv)		an assignment from HAMILTON, ANDREW to NORTHROP GRUMMAN SYSTEMS CORPORATION, dated 11 May 2023 (11.05.2023)
VIII-3-1 (iv)		an assignment from HOBSON, BRETT to NORTHROP GRUMMAN SYSTEMS CORPORATION, dated 11 May 2023 (11.05.2023)
VIII-3-1 (iv)		an assignment from CAZENAVE, François to NORTHROP GRUMMAN SYSTEMS CORPORATION, dated 11 May 2023 (11.05.2023)
VIII-3-1 (iv)		an assignment from JENSEN, SCOTT to NORTHROP GRUMMAN SYSTEMS CORPORATION, dated 12 May 2023 (12.05.2023)

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VIII-3-2	Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name	In relation to this international application MONTEREY BAY AQUARIUM RESEARCH INSTITUTE is entitled to claim priority of earlier application No. US 63/342,291 by virtue of the following:
VIII-3-2 (iv)		an assignment from HAMILTON, ANDREW to MONTEREY BAY AQUARIUM RESEARCH INSTITUTE, dated 11 May 2023 (11.05.2023)
VIII-3-2 (iv)		an assignment from HOBSON, BRETT to MONTEREY BAY AQUARIUM RESEARCH INSTITUTE, dated 11 May 2023 (11.05.2023)
VIII-3-2 (iv)		an assignment from CAZENAVE, François to MONTEREY BAY AQUARIUM RESEARCH INSTITUTE, dated 11 May 2023 (11.05.2023)
VIII-3-2 (iv)		an assignment from JENSEN, SCOTT to MONTEREY BAY AQUARIUM RESEARCH INSTITUTE, dated 12 May 2023 (12.05.2023)

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VIII-3-3	Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name	In relation to this international application NORTHROP GRUMMAN SYSTEMS CORPORATION is entitled to claim priority of earlier application No. US 18/315,919 by virtue of the following:
VIII-3-3 (iv)		an assignment from HAMILTON, ANDREW to NORTHROP GRUMMAN SYSTEMS CORPORATION, dated 11 May 2023 (11.05.2023)
VIII-3-3 (iv)		an assignment from HOBSON, BRETT to NORTHROP GRUMMAN SYSTEMS CORPORATION, dated 11 May 2023 (11.05.2023)
VIII-3-3 (iv)		an assignment from CAZENAVE, François to NORTHROP GRUMMAN SYSTEMS CORPORATION, dated 11 May 2023 (11.05.2023)
VIII-3-3 (iv)		an assignment from JENSEN, SCOTT to NORTHROP GRUMMAN SYSTEMS CORPORATION, dated 12 May 2023 (12.05.2023)

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VIII-3-4	Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name	In relation to this international application MONTEREY BAY AQUARIUM RESEARCH INSTITUTE is entitled to claim priority of earlier application No. US 18/315,919 by virtue of the following:
VIII-3-4 (iv)		an assignment from HAMILTON, ANDREW to MONTEREY BAY AQUARIUM RESEARCH INSTITUTE, dated 11 May 2023 (11.05.2023)
VIII-3-4 (iv)		an assignment from HOBSON, BRETT to MONTEREY BAY AQUARIUM RESEARCH INSTITUTE, dated 11 May 2023 (11.05.2023)
VIII-3-4 (iv)		an assignment from CAZENAVE, François to MONTEREY BAY AQUARIUM RESEARCH INSTITUTE, dated 11 May 2023 (11.05.2023)
VIII-3-4 (iv)		an assignment from JENSEN, SCOTT to MONTEREY BAY AQUARIUM RESEARCH INSTITUTE, dated 12 May 2023 (12.05.2023)

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IX	Check list	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	10	✓
IX-2	Description	21	✓
IX-3	Claims	5	✓
IX-4	Abstract	1	✓
IX-5	Drawings	9	✓
IX-6a	Sequence listing part of the description	-	-
IX-7	TOTAL	46	
	Accompanying Items	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	-	✓
IX-20	Figure of the drawings which should accompany the abstract	Fig. 1	
IX-21	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	/Christopher P. HARRIS, Reg. No. 43660/	
X-1-1	Name (LAST, First)	HARRIS, Christopher P.	
X-1-3	Capacity (if such capacity is not obvious from reading the request)	Agent	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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