507018429 12/09/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7065263

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIHON DENGYO KOSAKU CO., LTD.	11/22/2021

RECEIVING PARTY DATA

Name:	3M INNOVATIVE PROPERTIES COMPANY
Street Address:	P.O. BOX 33427
City:	SAINT PAUL
State/Country:	MINNESOTA
Postal Code:	55133-3427

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16970464

CORRESPONDENCE DATA

Fax Number: (651)736-3833

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: 651-733-1500 Email: pjbick@mmm.com

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: P.O. BOX 33427

Address Line 4: SAINT PAUL, MINNESOTA 55133-3427

ATTORNEY DOCKET NUMBER:	80534US006
NAME OF SUBMITTER:	PAULA J. BICK
SIGNATURE:	/Paula J. Bick/
DATE SIGNED:	12/09/2021

Total Attachments: 2

source=Assignment_Nihon_to_3M_Executed_80534US006#page1.tif source=Assignment Nihon to 3M Executed 80534US006#page2.tif

PATENT REEL: 058346 FRAME: 0804 507018429

ASSIGNMENT

Whereas, NIHON DENGYO KOSAKU CO., LTD., (hereinafter referred to as "Assignor"), having its principal office at 1-14-1, Kanda-Jimbocho, Chiyoda-ku, Tokyo, Japan 1010051, has acquired by assignment the entire right, title, and interest in and to inventions and improvements described in the application for Letters Patent of the United States:

ANTENNA STRUCTURE

Filed: August 17, 2020

U.S. Application No.: 16/970,464

and executed an application for Letters Patent of the United States of America based thereon and that claims priority to and/or the benefit of the following application(s):

Filed: February 21, 2018

PCT Application No.: PCT/JP2018/006215

Now, therefore, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, Assignor has agreed to assign and transfer and does hereby assign and transfer unto 3M INNOVATIVE PROPERTIES COMPANY (hereinafter referred to as "Assignee"), having its principal office at 3M Center, P.O. Box 33427, St. Paul, Minnesota 55133-3427, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by Assignor had this assignment and transfer not been made;

Assignor does further agree, for itself and its successors and assigns, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as it lawfully may, that may be deemed necessary by the Assignee, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

PATENT REEL: 058346 FRAME: 0805

Assignment to 3M INNOVATIVE PROPERTIES COMPANY

Application No. 16/970,464
Filing Date: August 17, 2020
For: ANTENNA STRUCTURE

And Assignor does hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent that may be granted upon any of said applications, to 3M INNOVATIVE PROPERTIES COMPANY as the assignee of the entire right, title, and interest therein.

And, furthermore Assignor covenants and agrees with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor and that full right to convey the same as herein expressed is possessed by the Assignor.

If the filing date and application number are not identified in this Assignment at the time of execution, Assignor and Assignee authorize the Assignee and its agents, legal representatives, successors and assigns, to insert such information into this Assignment and/or true and correct copies thereof at a later date.

In witness whereof, Assignor and Assignee have executed this Assignment on the days and years set forth below.

For and on behalf of NIHON DENGYO KOSAKU CO., LTD.	For and on behalf of 3M INNOVATIVE PROPERTIES COMPANY
By its authorized officer	By its authorized officer
Signature Signature	EXWA:
Signatur	Signature
Jun SEGAWA	CAldrael Geize
Printed Name	Printed Name
November 22, 2021	9-December -2021
Date	Date
President, Representative	Secretary
Title	Title /

PATENT REEL: 058346 FRAME: 0806

RECORDED: 12/09/2021