PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6995567

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KANTATSU CO., LTD.	10/27/2021

RECEIVING PARTY DATA

Name:	TOKYO VISIONARY OPTICS CO., LTD.
Street Address:	7F MJ BLDG, 1-7-4 MINATO CHUO-KU
City:	TOKYO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 28

Property Type	Number		
Application Number:	16376299		
Application Number:	16421046		
Application Number:	17368480		
Application Number:	16444833		
Application Number:	16513317		
Application Number:	16525053		
Application Number:	16534441		
Application Number:	17088077		
Application Number:	16843597		
Application Number:	16851984		
Application Number:	16818577		
Application Number:	16851989		
Application Number:	16894375		
Application Number:	16894394		
Application Number:	16894418		
Application Number:	16895623		
Application Number:	17017326		
Application Number:	16895709		
Application Number:	16895518		
Application Number:	16895497		
Application Number:	17067339		

PATENT REEL: 057953 FRAME: 0717

506948730

Property Type	Number
Application Number:	17097767
Application Number:	17111062
Application Number:	17125476
Application Number:	17174955
Application Number:	17161328
Application Number:	17242899
Application Number:	17220610

CORRESPONDENCE DATA

Fax Number: (612)455-3801

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: 6124553800

Email: jsilbaugh@hsml.com

Correspondent Name: HAMRE SCHUMANN MUELLER & LARSON P.C. Address Line 1: 45 SOUTH SEVENTH STREET SUITE 2700 MINNEAPOLIS, MINNESOTA 55402-1683

ATTORNEY DOCKET NUMBER:	KT_TO_TVO
NAME OF SUBMITTER:	MASAKO YOSHIDA
SIGNATURE:	/Masako Yoshida/
DATE SIGNED:	10/28/2021

Total Attachments: 3

source=Assignment_Kantatsu_to_TVO#page1.tif source=Assignment_Kantatsu_to_TVO#page2.tif source=Assignment_Kantatsu_to_TVO#page3.tif

PATENT REEL: 057953 FRAME: 0718

<u>ASSIGNMENT</u>

WHEREAS, Kantatsu Co., Ltd., a corporation organized under the law of Japan and having an office and place of business at 3-6-21, Minamishinagawa, Shinagawa-ku, Tokyo, Japan (hereinafter referred to as ""UNDERSIGNED"), owns right, title and interest in the U.S. patent applications and patents listed in Schedule A annexed hereto (collectively referred to as the "PATENTS");

AND WHEREAS, Tokyo Visionary Optics Co., Ltd., a corporation organized under the laws of Japan and having an office and place of business at 7F MJ Bldg, 1-7-4 Minato Chuo-ku, Tokyo, Japan (hereinafter referred to as the "ASSIGNEE"), wishes to acquire the right, title and interest in and to said PATENTS and any U.S. Letters Patent to be obtained therefore owned by the UNDERSIGNED;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the UNDERSIGNED hereby assign and transfer to the above ASSIGNEE, the right, title and interest in the aforesaid PATENTS owned by the UNDERSIGNED, and the UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States. Letters Patent for the aforesaid U.S. patent applications in the PATENTS to the ASSIGNEE of the right, title, and interest in and to the same, for the use of the ASSIGNEE, their successors and assigns.

THE UNDERSIGNED represents and agrees with said ASSIGNEE, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property of the PATENTS herein conveyed has been or will be made to others by the

1

PATENT REEL: 057953 FRAME: 0719 UNDERSIGNED, and that full right to convey the same owned by the UNDERSIGNED as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, the UNDERSIGNED has hereunto set their hand on the date indicated below.

KANTATSU CO., LTD.

Date October 27, 2021

By: (Signature)

Title: Osamu Iuchi, President & CEO

2

SCHEDULE A

<u>PATENTS</u>

	Title	Filing Date	Application No.	Issue Date	Patent No.
1	Imaging lens	2019.04.05	16/376299		
2	Imaging lens	2019.05.23	16/421046		
3	Optical element and imaging lens	2021.07.06	17/368480		
4	Imaging lens	2019.06.18	1.6/444833	2021.09.28	US 11131835
5	Imaging lens including six lenses of +-++0- refractive powers	2019.07.16	16/513317		
6	Imaging lens comprising five lenses of +-0+- refractive powers	2019.07.29	16/525053		
7	Imaging lens	2019,08.07	16/534441	2021.10.26	US 11156805
8	Imaging lens	2020.11.03	17/088077		
9	Imaging lens	2020.04.08	16/843597		
10	Imaging lens	2020.04.17	16/851984		
11	Imaging lens	2020.03.13	16/818577		
12	Imaging lens	2020.04.17	16/851989		
13	Imaging lens	2020.06.05	16/894375		1 1000 00000 1 001
14	Imaging lens	2020.06.05	16/894394	1300	
15	Imaging lens	2020.06.05	16/894418		
16	Imaging lens	2020.06.08	16/895623		
17	Imaging lens	2020,09,10	17/017326		
18	Imaging lens	2020.06.08	16/895709		
19	Imaging lens	2020.06.08	16/895518		
20	Imaging lens	2020.06.08	16/895497		
21	Imaging lens	2020.10.09	17/067339		
22	Imaging lens	2020.11.13	17/097767	0.000 mm	33.1.00.000
23	Imaging lens	2020.12.03	17/111062		
24	Imaging lens	2020.12.17	17/125476		
25	Imaging lens	2021.02.12	17/174955		
26	Imaging lens	2021.01.28	17/161328		
27	Imaging lens	2021.04.28	17/242899		
28	Imaging lens	2021.04.01	17/220610	vin uur - umaava uur - n kaksi ann	<u> </u>

3

PATENT REEL: 057953 FRAME: 0721