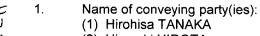
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(2) Hiroyuki HIROTA

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4.	Application number(s) or patent number(s): This document is being filed together with a new application. OR This document is being filed after filing of the application: (a) Patent Application No(s). 13/166,316, filed June 22, 2011; or (b) Patent No(s), issued.
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1539.1033 Attention: David M. Pitcher ,1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005
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ASSIGNMENT

			=	
Whereas, I/we,				
<u>Name</u>	<u>Add</u>	ress		
	c/o NIKON CORPORATION,			
1) Hirohisa TANAKA	12-1, Yurakucho 1-chom Chiyoda-ku, Tokyo 100-8			
	do NIKON CORPORATION,			
2) Hiroyuki HIROTA	12-1, Yurakucho 1-chom Chiyoda-ku, Tokyo 100-8			
hereinafter called assignor(s), have invented certain improve	ments in		
ILLUMINATION OPTICAL S	SYSTEM, EXPOSURE APPARAT	TUS. AND DEVICE	MANUFACTURING N	METHOD
	•	•		
and executed an application otherwise indicated below:	for Letters Patent of the United S	States of America	therefor on even date h	erewith unless
filed on	June 22, 2011	, Serial No	13/166316	; and
Whereas				,
	ION kucho 1-chome, J, Tokyo 100-8331 Japan			
(assignee), desires to acquir	e the entire right, title and interes	st in the application	and invention, and to	any United States
patents to be obtained there				•
hereby acknowledged, I/WE transfer, and set over unto the this invention and this applic which may be granted thered Patents-and Trademarks of the	ne it known that, for good and vale, as assignor(s), have sold, assigne assignee, its lawful successoration, and all divisions, and contion, and all reissues thereof; and the United States to issue all Lett the terms of this Assignment;	ned, transferred, a s and assigns, MY nuations thereof, a I/WE hereby autho	and set over, and do he /OUR entire right, title, and all Letters Patent of prize and request the C	reby sell, assign, and interest in and to f the United States ommissioner of
assignee, its successors and proceeding, sign all lawful pa desirable to perfect the title to continuation, and relssue ap successors and assigns, to to to successors and assigns, to to to to to to to to to to	further covenant and agree that lid assigns, any facts known to ME apers when called upon to do so, to this invention in said assignee, plications, make all rightful oaths obtain and enforce proper patent a incident to the execution of suc	I/US respecting thing the secute and delivation its successors and generally doprotection for this	s invention and testify in the rall papers that may be discounted assigns, execute all discounted as everything possible to a dinvention in the United	n any legal be necessary or divisional, ald assignee, its States. It being
INVENTOR	<u>₹S</u> .		DATE S	IGNED
1):	田十龄久		Aug	1,20//
Name:	Hirohisa TANAKA			

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