30 2011	To Proceeding the Director of the U.S. Patent and Trader Name of conveying party(ies): Tadashi MATSUO 10/04/2011 U.S. DEPARTMENT OF COMMERCE 103634005 it.
T& THADEHARE 2.	Name and Address of receiving party(ies): TOPPAN PRINTING CO., LTD. 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 Japan
3.	Nature of conveyance: X
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). 13/262,321, filed September 30, 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: 0970.1055 Attention: David M. Pitcher 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005
6.	Total number of applications and patents involved:1
. 7.	Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment) ☑ Enclosed ☐ Authorized to be charged to credit card. ☐ Authorized to be charged to deposit account.
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)

<u>David M. Pitcher, Reg. No. 25,908</u> Name of Person Signing

Signature 01 FC:8021 40.00 OP

Total number of pages including cover sheet: 2

Revised April, 2011

©2011

U.S. ASSIGNMENT

S&H 7/03

the undersigned ASSIGNOR hereby sells, assigns and transfers to a entitled D REFLECTIVE PHOTOMASK BLANK A application for Letters Patent of the United States was executed of date of execution of application, if not concurrent) Installed Assignment of the United States was executed of date of execution of application, if not concurrent) Installed Assignment of STAAS & HALSEY LLP, 1201 New York Ave., unite 700, Washington, D.C. 20005 (202/434-1500) is hereby are do insert in (b) the specified data, when known. The specified data and any continuation, division, renewal, substitutions for which the said Letters Patent(s) may be granted and including etters Patent(s)").
h application for Letters Patent of the United States was executed of date of execution of application, if not concurrent) istered attorney of STAAS & HALSEY LLP, 1201 New York Ave., wite 700, Washington, D.C. 20005 (202/434-1500) is hereby ted to insert in (b) the specified data, when known. on said application and any continuation, division, renewal, substitutes for which the said Letters Patent(s) may be granted and including
date of execution of application, if not concurrent) istered attorney of STAAS & HALSEY LLP, 1201 New York Ave., uite 700, Washington, D.C. 20005 (202/434-1500) is hereby ted to insert in (b) the specified data, when known. on said application and any continuation, division, renewal, substitutes for which the said Letters Patent(s) may be granted and including
istered attorney of STAAS & HALSEY LLP, 1201 New York Ave., uite 700, Washington, D.C. 20005 (202/434-1500) is hereby red to insert in (b) the specified data, when known. on said application and any continuation, division, renewal, substitutes for which the said Letters Patent(s) may be granted and including
uite 700, Washington, D.C. 20005 (202/434-1500) is hereby red to insert in (b) the specified data, when known. on said application and any continuation, division, renewal, substitutes for which the said Letters Patent(s) may be granted and including
on said application and any continuation, division, renewal, substitues for which the said Letters Patent(s) may be granted and including
ns for which the said Letters Patent(s) may be granted and includin
nout charge to but at the expense of said ASSIGNEE, to do all acts suring, maintaining and enforcing protection for said invention, issuance of said Letters Patent(s), in any interference, reissue, I proceeding which may arise or be declared in relation to same, su
e assignments and declarations, taking all rightful oaths, providing
ed his/her/their signature(s). e) (Typed Name & Signature of Witness(es))
29, 2011

PATENT REEL: 027129 FRAME: 0772

RECORDED: 09/30/2011