

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Toshihiko KARIYA	12/26/2012
Naoki TODA	12/26/2012
Munehiro NOBUTA	12/26/2012
RECEIVING PARTY DATA	
Name:	Mitsubishi Heavy Industries Plastic Technology Co., Ltd.
Street Address:	1, Aza Takamichi, Iwatsuka-cho, Nakamura-ku
City:	Nagoya-shi, Aichi
State/Country:	JAPAN
Postal Code:	453-8515
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13699858
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	121382
NAME OF SUBMITTER:	Thomas E. Brown
Total Attachments: 1 source=121382_Assignment_01-24-2013#page1.tif	

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PATENT
REEL: 029696 FRAME: 0291

Docket No. _____

Westerman, Hattori, Daniels & Adrian, LLP

2010-576-001
05p44051US

U.S. ASSIGNMENT

(Insert ASSIGNEE's
Name(s) Address(es))

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by
Mitsubishi Heavy Industries Plastic Technology Co., Ltd.; and

of 1, Aza Takamichi, Iwatsuka-cho, Nakamura-ku, Nagoya-shi, Aichi 453-8515 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned
ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title
and interest to the invention entitled

(Title of Invention)

**PLASTICIZING SCREW FOR INJECTION MOLDING AND INJECTION
MOLDING METHOD USING SAME**

(*If the assignment is
being filed after the
filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith
unless otherwise indicated below:

* filed on _____ Serial No. _____

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code,
serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any
continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for
which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any
continuation, divisional, reissue or reexamination applications thereof and also to execute separate
assignments in connection with such applications as the ASSIGNEE may deem necessary or
expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference,
litigation, or other legal proceeding which may be declared concerning this application or any
continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued
thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing
evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their
signature(s).

(Signatures)

Toshihiko Kariya
(Signature)

Toshihiko KARIYA
(Type Name)

December 26, 2012
(Date)

Naoki Toda
(Signature)

Naoki TODA
(Type Name)

December 26, 2012
(Date)

Munehiro Nobuta
(Signature)

Munehiro NOBUTA
(Type Name)

December 26, 2012
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(Type Name)

(Date)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 01/25/2013

REEL: 029696 FRAME: 0292