PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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MASAYUKI MATSUYAMA	04/24/2019
MIKIMASA HORIUCHI	04/24/2019
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16461578

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NAME OF SUBMITTER:	BRYANT E. WADE	
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DATE SIGNED:	05/16/2019	

Total Attachments: 2

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> **PATENT REEL: 049200 FRAME: 0589**

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Client Ref. No. FP-18388(US0/1711PCT) 譲渡証 (Translation/日本語景) 下記に署名した私/私達(以下譲渡人)、 は、 ある発明を創出し、これについて合衆国特許出 願又は PCT 国際出願は、 (a) | ここに譲渡人により署名され(全ての 発明者は、当該譲渡証に署名したと同日添窯響 委任状に署名する)、 (b) [_____に譲渡人により(それぞれ) 署名され、 (d) [年 月 日に PCT 国際 出願され、出願番号_____が交付され、 番号.....として、

という名称である。そして、ここにその受領を認める対価で譲渡人は、当該発明/出願/特許の存続期間また延長された存続期間満了時まで、合衆国とその属領及び全ての外国に於ける全面的かつ独占的な権利:合衆国法及びその外国に於ける法律に基づき優先権を主張する権利;当該譲渡、将来の販売、過去の侵害から回復する権利、債務を取立てる権利;そして合衆国とその属領及び全ての外国に於いて特許及び出願される権利;そして合衆国とその属領及び全ての外国に於いて特許及び出願される特許に関わる及び当該発明/出願/特許から発生する全ての権利;を日本国に住所を有する(以下譲受人)及びその後継者に対して、売却、譲渡、移転するものとする。

その発明は、

さらに、譲渡人は、譲受人及びその後継者に、 合衆国とその属領及び全ての外国に於いて、仮 出願出願、一部継続出願、継続出願、分割出願、 差替出願、再発行出願、更新手続、再審査請求、 特許期間延長等を含むがこれに限定されない いかなる出願及び出願手続及び当該発明/出願/ 特許の適切な保護又は維持を目的とする全て の訴訟手続に於いて必要な書類又は証拠を作 成する;当該発明/出願/特許の適切な保護又は 維持を目的とする全ての訴訟手続に於いて協 力し証言する;そして上記は報酬又は無報酬で Attorney Ref. No. 17703-000006-US-NP

Assignment

I/We, the undersigned,

Ken MATSUO, Masayuki MATSUYAMA, Mikimasa HORIUCHI, and Akinori KUMAGAI,

Hereinafter referred to collectively as Assignor, who have created a certain invention which is the subject of a United States or International application for patent

(a) \(\subseteq \) executed on even date preparatory to filing (each

inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
(b) cxecuted on
(c) filed on, and assigned Serial No;
(d) filed on <u>August 15, 2017</u> , as International Application No. <u>PCT/JP2017/029370;</u>
(e) US Patent No. issued on , Frame ; and
entitled: <u>POLISHING LIQUID AND POLISHING</u>

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof Assignor by these presents does sell, assign and transfer unto hereinafter referred to as Assignee, Mitsui Mining & Smelting Co., Ltd., a corporation of Japan, at 1-11-1 Osaki, Shinagawa-ku, Tokyo 141-8584 in Japan and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

行うことを承継する。

さらに、譲渡人は、当該譲渡証に定める事柄と 抵触する内容の、譲渡、授権、又は抵当権設定 の事実はなく、これからもないことを誓約す る。

さらに、当該譲渡証は英語の部分の表現によっ てのみ解釈されることに同意する。当該譲渡証 に定める全ての事柄をここに管約するため、譲 渡人は下記日付で署名する。

唯一またけ第一発明者名 署名: 日付: 第二共同発明者 (いる場合) 第名: 日付: 第三共同発明者 (いる場合) Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment.

Assignor hereby covenants that this Assignment is to be construed solely according to the terms of the English language portions thereof. In testimony whereof I/We have hereunto set MY/OUR signature seal on the date indicated below.

Full name of sole or first inventor
Ken MATSUO
Signature :
Ken Metano
Dated : 200 4 . 2 4
Full name of second joint inventor, if any
Masayaki MATSUYAMA
Signature :
Magoyski Motsuyoma
Dated : 24 2.4
Full name of third joint inventor, if any
Mikimasa HORIUCHI
Signature: Miliman Hovin In
Dated:
Full name of fourth joint inventor, if any
Akinori KUMAGAI
Signature: Mineri Kumajari

2019. 4. 2.4

Dated: