

The Director of the United States Patent and Trademark Office

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, or importing into the United States of America, products made by that process. for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Michelle K. Lee

Director of the United States Patent and Trademark Office

February 17, 2017



TOKYO INTERNATIONAL PATENT FIRM 2nd Floor, Miyata Building 17-16, Nishi-Shimbashi 1-chome Minato-ku Tokyo 105-0003 Japan

ATTORNEYS AT LAW

BRADLEY D. LYTLE (703) 412-6489 BLYTLE@OBLON.COM

Re: U.S. Patent No: 9,550,867 Your Ref: SA-US-1002

Our Ref: 471514US

Dear Colleagues:

We are pleased to enclose herewith Letters Patent Number 9,550,867 and 2 Advanced Patent Copies.

The printed Patent has not been proofread for printing accuracy. Many printing errors which could affect the enforcement of the Patent may appear in the printed document. Such printing errors can be corrected by obtaining a Certificate of Correction from the United States Patent and Trademark Office.

We would be happy to proofread the Patent for you and obtain the appropriate Certificate of Correction, if necessary. Alternatively, if you prefer to proofread the Patent yourself and inform us of the printing errors, we will obtain the appropriate Certificate of Correction. We will await your instruction.

To maintain the patent in force, the USPTO charges maintenance fees. The first maintenance fee for this application will be due on July 24, 2020.

We kindly request that you let your maintenance fee service provider know about this granted matter and the outstanding due dates. If your maintenance fee service provider does not intend to file a change of fee address with the USPTO for this patent, please let us know and provide us with their USPTO Customer Number so that we can file the appropriate paperwork to ensure they receive future maintenance fee correspondence from the USPTO.

This patent will expire on May 19, 2036.

With best regards,

Very truly yours,

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

Stell

For Bradley D. Lytle

BDL/jrh

Enclosures:

Letters Patent

Debit Note

Advanced Patent Copies

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