504006359 09/15/2016

EPAS ID: PAT4053016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| ANTHONY EMEKA OHAZULIKE | 08/07/2016 |
| ANDREA TOMATIS | 08/07/2016 |
| LAN LIN | 08/07/2016 |

RECEIVING PARTY DATA

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| City: | TOKYO |
| State/Country: | JAPAN |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15265971 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | TOU-10433 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | JOHN R. MATTINGLY |
| SIGNATURE: | /John R. Mattingly/ |
| DATE SIGNED: | 09/15/2016 |

Total Attachments: 1

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PATENT 504006359 REEL: 040039 FRAME: 0804

ASSIGNMENT

As a below named invertor, thereby declare that

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd.

a corporation organized under the laws of Japan,

located at 16-6, Marunouds 1-chome, Chyoda-ku, Tokyo, Japan.

receipt of which is hereby acknowledged I do hereby sell and assign to said. Hitachi, Ltd.,

its successors and sesigns, all my right, tille and interest, in and for the United States of America, in and to

APPARATUS AND METHOD FOR EXECUTING AN AUTOMATED ANALYSIS OF DATA, IN PARTICULAR SOCIAL MEDIA DATA, FOR PRODUCT FAILURE DETECTION

invented by me (if only one is named below) or us, (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters. Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted.

to be held and enjoyed by said. Hitachi, Ltd.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patern may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made:

And I hereby agree to sign and execute any further documents or instruments which may be necessary, tawful, and proper in the procedurion of the above-named application or in the preparation and procedurion of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee.

And I do hereby authorize and request the Commissioner of Patents to leade said Letters Patent to said. Hitachi, Ltd.;

Signed on the date(s) indicated saids our algorithms.

| INVENTOR(9) (発明者フルネームサイン) | | Cale Signed (\$4.0) | |
|------------------------------|-------------------------|------------------------|------|
| 1) | Anthony Emeka ONAZOLIKE | 09-09-206 | |
| g) | Andres YOMATIS | 04/2/2016 | |
| 3) | Can UN | 58/57/30/ <u>(</u> | 4/16 |
| 4) | | | |
| 5) | | | |
| 8) | | | |
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| 8) | | | |
| 9) | | | |
| 10) | | | |

PATENT REEL: 040039 FRAME: 0805

RECORDED: 09/15/2016