## PATENT ASSIGNMENT

**Electronic Version v1.1**  
**Stylesheet Version v1.1**

### SUBMISSION TYPE:  NEW ASSIGNMENT

### NATURE OF CONVEYANCE: ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christopher Sortore</td>
<td>06/22/2010</td>
</tr>
<tr>
<td>Victor Iannello</td>
<td>06/22/2010</td>
</tr>
<tr>
<td>Robert Jett Field</td>
<td>06/22/2010</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Synchrony, Inc.</th>
</tr>
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<tbody>
<tr>
<td>Street Address</td>
<td>4655 Technology Drive</td>
</tr>
<tr>
<td>City</td>
<td>Salem</td>
</tr>
<tr>
<td>State/Country</td>
<td>VIRGINIA</td>
</tr>
<tr>
<td>Postal Code</td>
<td>24153</td>
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### PROPERTY NUMBERS Total: 3

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<tr>
<th>Property Type</th>
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<tr>
<td>Application Number</td>
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<tr>
<td>PCT Number</td>
<td>US0940735</td>
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</table>

### CORRESPONDENCE DATA

- Fax Number: (815)550-8850
- Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
- Phone: 434-972-9988
- Email: Mike@michaelhaynes.com
- Correspondent Name: Michael Haynes PLC
- Address Line 1: 1341 Huntersfield Close
- Address Line 4: Keswick, VIRGINIA 22947

### ATTOYER DOCKET NUMBER: 1024-013

### NAME OF SUBMITTER: Kelly Smoker

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**501213360**  
**REEL: 024581 FRAME: 0693**
ASSIGNMENT AND AGREEMENT

For the sum of One Dollar (US$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) Christopher K. Sortore of 5456 Crystal Creek Drive, Roanoke, VA US 24018, Victor Iannello of 3870 Piney Ridge Drive, Roanoke, VA 24018, Robert Jett Field of 49 Bethel Road, Fincastle, VA US 24090 (referred to herein as “the undersigned”) hereby sells, assigns, and transfers to Synchrony, Inc., an entity organized and existing under the state laws of Delaware having Principal place of business at 4655 Technology Drive, Salem, VA 24153, and its successors, assigns, and legal representatives (hereinafter “ASSIGNEE”), the entire and exclusive rights, privileges, title, and interest, worldwide, in and to all of the following:

1. a United States provisional patent application, titled “High-Speed Permanent Magnet Motor and Generator with Low-Loss Metal Rotor”, and filed on 17 April 2008 as Application Serial Number 61/045,660 in the United States Patent and Trademark Office;

2. a United States application for Letters Patent, the application titled “High-Speed Permanent Magnet Motor and Generator with Low-Loss Metal Rotor”, and filed on 16 April 2009 as Application Serial Number 12/424,600 in the United States Patent and Trademark Office;


4. an Argentinean patent application titled “High-Speed Permanent Magnet Motor and Generator with Low-Loss Metal Rotor”, and filed on 17 April 2009 as Application Serial Number 090101373 in the Argentinean Patent Office;

5. a Chilean patent application titled “High-Speed Permanent Magnet Motor and Generator with Low-Loss Metal Rotor”, and filed on 16 April 2009 as Application Serial Number 917-2009 in the Chilean Patent Office;

6. a Panamanian patent application titled “High-Speed Permanent Magnet Motor and Generator with Low-Loss Metal Rotor”, and filed on 17 April 2009 as Application Serial Number 88238-01 in the Panamanian Patent Office;

7. a Peruvian patent application titled “High-Speed Permanent Magnet Motor and Generator with Low-Loss Metal Rotor”, and filed on 17 April 2009 as Application Serial Number 538-2009 in the Peruvian Patent Office;

8. a Taiwanese patent application titled “High-Speed Permanent Magnet Motor and Generator with Low-Loss Metal Rotor”, and filed on 17 April 2009 as Application Serial Number 98112835 in the Taiwanese Patent Office;
9. a Thai patent application titled “High-Speed Permanent Magnet Motor and Generator with Low-Loss Metal Rotor”, and filed on 20 April 2009 as Application Serial Number 0901001660 in the Thailand Patent Office;

10. a Venezuelan patent application titled “High-Speed Permanent Magnet Motor and Generator with Low-Loss Metal Rotor”, and filed on 17 April 2009 as Application Serial Number 00700-2009 in the Venezuela Patent Office; and

11. all improvements to any subject matter described or claimed in any of the above;

Together with: all amendments thereto; all rights of priority arising therefrom; all applications claiming priority thereto; all divisions, continuations, continuations-in-part, reexaminations, reissues, substitutes, renewals, and extensions thereof, and any legal equivalent thereof; and any and all forms of protection, including Letters Patent and legal equivalents thereof, which may be granted therefor in the United States and its territorial possessions or in any countries foreign to the United States, for the full and entire term or terms for which the same may be granted or extended, as fully and entirely as the same rights, privileges, title, and interest, would have been enjoyed by the undersigned if this assignment had not been made.

Each of the undersigned authorizes ASSIGNEE to make application for patent protection and legal equivalents thereof in its own name and maintain such protection in the United States and in all countries foreign to the United States, and to invoke and claim for any application for patent or legal equivalents thereof for said improvements, without further authorization from any of the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

Each of the undersigned authorizes and requests the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, to issue said Letters Patent and legal equivalents thereof to ASSIGNEE or to such nominees as ASSIGNEE may designate.

Each of the undersigned consents that a copy of this Assignment and Agreement shall be deemed a full legal and formal equivalent of any document that may be required in any country in proof of the right of ASSIGNEE to apply for patent and legal equivalents thereof for said improvements and to claim the aforesaid benefit of the right of priority.

Each of the undersigned covenants with ASSIGNEE that no assignment, sale, grant, mortgage, license, or other agreement affecting any of the rights, privileges, title, or interest herein conveyed has been made to others or will be entered into by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each of the undersigned covenants with ASSIGNEE that, when requested, and without charge to but at the expense of ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, the undersigned will: properly receive, execute, and deliver to ASSIGNEE all rightful affidavits, declarations, oaths, powers of attorney, assignments, and
other instruments or papers; properly receive, execute, and deliver to ASSIGNEE all applications, divisions, continuations, continuations-in-part, reexaminations, reissues, substitutes, renewals, extensions, any amendments thereof, and any legal equivalent thereof, and all interference proceedings associated therewith, relating to any and all said improvements, applications, Letters Patent, and legal equivalents thereof; communicate to ASSIGNEE all facts and documents known and accessible to the undersigned relating to said improvements, applications, Letters Patent, and legal equivalents thereof, and will testify as to the same in any interference, mediation, arbitration, litigation, or dispute related thereto; and generally, perform all requested lawful acts that ASSIGNEE considers desirable or necessary, in any country, in applying for, securing, maintaining, licensing, assigning, or enforcing, any proper, valid, and enforceable legal protection for said improvements, applications, Letters Patent, and legal equivalents thereof, or for vesting title in ASSIGNEE to said improvements, applications, Letters Patent, and legal equivalents thereof.

Date: 6/3/10

Christopher K. Sortore

State of Virginia

County of Roanoke

City of Salem

On this 22 day of June, 2010, before me personally came Christopher Sortore, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public
ASSIGNMENT AND AGREEMENT

Date: 6/22/2019

Victor Iannello

State of Virginia  ) seal:
County of Roanoke  )
City of Salem  )

On this 22  day of June, 2019, before me personally came Victor Iannello, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Richard J. Randal
Notary Public
ASSIGNMENT AND AGREEMENT

Date: 6/22/2010

Robert Field

State of Virginia

County of Roanoke

City of Salem

) seal:

On this 22 day of June, 2010, before me personally came Robert Field, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public