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June 14,2022

The Listing Department

National Stock Exchange of India Ltd.  
"Exchange Plaza",  
Bandra-Kurla Complex, Bandra (E)  
MUMBAI – 400 051

The B.S.E. Limited  
Floor 25, 'Phiroze JeeJeebhoy Towers  
Dalal Street, Mumbai - 400 001

Dear Sirs/ Madam,

SCRIPT CODE: 504058/NIPPOBATTERY

Sub: Indo-National Ltd.'s subsidiary Kineco Ltd's -Patent for "Eccentric Assembly for Sliding Door", invented by its Rail Divisions' in house R&D team

Enclosed herewith "Press Release" of Kineco Ltd.

Kindly take the same on record.

Thanking you,

Yours faithfully,  
For Indo-National Ltd.



J.Srinivasan  
Company Secretary

## “Kineco granted its first Patent for ‘Railway Sliding Door Assembly’”



*Kineco's Rail Division's R&D Team who contributed to the patented invention of the Automatic Sliding Door Assembly*

Pilerne- Goa based, Kineco Limited, a Company engaged in design and manufacture of composite solutions announced that its IRIS certified Rail Division has been granted a Patent from the Indian Patent Office for its novel innovation of “Eccentric Assembly for Sliding Door”, invented by its in-house Product Design & Development Centre .

Kineco in-house Product Design & Development Centre was created in 2019 with an aim to indigenously develop advanced systems for world class train coaches for Indian and global markets. The centre is being spearheaded by global experts of train technologies and consists of cross functional engineering team of designers & specialists from various engineering disciplines.

While the alignment of the door leaf through conventional assemblies is time consuming, difficult and burdensome, with this patented invention of a sliding door assembly, not only will the automatic sliding door be more compact, but aligning the door will be much more effective, making it easy to install and operate. The patented assembly will be primarily used by Kineco as compartment doors for trains, however it can be used for all types of Automatic Sliding doors, across diverse transportation applications as well for commercial use like Hospitals, Industries or offices.

Kineco's Founder & Managing Director, Mr. Shekhar Sardesai said, *"Kineco's focus has always been on creating a legacy of innovations and I am ecstatic that Kineco has received its first ever Patent for the Railway Sliding Door Assembly. I would like to congratulate the R&D Team at Kineco, for its unwavering dedication & commitment in achieving this feat and setting new benchmarks in the International train technology landscape. Our in-house R&D centre is relentlessly working on novel inventions in rail engineering, giving impetus to the 'Atmanirbhar Bharat' Mission and have already filed yet another Patent globally. These Patented products along with our other impressive range of next generation products for high speed trains will be launched soon at the InnoTrans 2022 Expo, Berlin to be held in September 2022."*

Chairman of Board of Directors of Kineco Ltd & Joint Managing Director, Indo National Limited, Mr. Aditya Reddy said, *"We invested in Kineco due to its unique DNA strongly rooted in innovations. I am delighted to see Kineco take a leap from innovating processes & product applications to inventing proprietary products. Although this is Kineco's first invention, I am sure there would be many to follow in the years to come. On behalf of the entire team at Indo National Ltd and the Board of Directors of Kineco Ltd, I congratulate Team Kineco for this stupendous achievement."*

Kineco has been supplying world class composite products to Indian Railways for more than fifteen years, with several innovative product developments to its credit. The railway product portfolio includes rail coach interiors, toilet modules, aerodynamic front ends & driver cab interiors and hard seating systems. Kineco has a strong presence in the segment of 'Design to Build' turnkey railway interior projects for new and refurbished coaches and currently is among few players in India qualified for such projects.

### **About Kineco Group**

Kineco, a first-generation enterprise founded by Shekhar Sardesai in 1995, is one of India's leading composites manufacturing companies with a strong focus on the mass transit, aerospace and defense sector with a strong legacy of innovation, development and commercialization of several composite products across these industries. The group employees over 750 people across four manufacturing locations in Goa India, including the Kineco Kaman JV & Kineco Exel JV. Helios Strategic Systems (I) Limited (A wholly owned subsidiary of Indo National Limited, a publicly listed company) headquartered in Chennai, is a majority shareholder in Kineco Limited. More information is available at [www.kinecogroup.com](http://www.kinecogroup.com).