CIN No: L31909TG1988PLC008652

MIC Electronics Limited

A-4/II, Electronic Complex, Kushaiguda, Hyderabad - 500062,India
Ph: +91 40 27122222 Fax: +91 40 27133333
www.mic.in www.micelectronics.com

ISO 9001:2008 ISO 14001:2004 Certified Company

Tuesday, 28th February. 2017

To
The Secretary
National Stock Exchange of India Limited
Exchange Plaza
Bandra Kurla Complex
Bandra (E)
Mumbai - 400 051.

Dear Sir / Madam,

Sub: Business Operations – Reg.
Ref: Clause 30 of the SEBI Listing obligations and Disclosures Requirements Regulations, 2015.

We are pleased to inform you that we have been granted a patent by the Controller General of Patents, Designs & Trademarks, Intellectual Property of India, for an invention entitled "A **LED TV DISPLAY SYSTEM"** for a period of 20 years commencing from 4th day of September, 2009. A copy of the Patent Certificate dated 13.02.2017 is attached.

The broad highlights of the patented LED TV Display System are as follows:

1. **Technology of the Invention:**

   MIC's LED TV Display is fundamentally different from the now ubiquitous announcements we have become familiar with for LED TVs in the retail television sales arena. These latter TVs are nothing more than a traditional LCD (Liquid Crystal Display) TVs that are illuminated by an array of LEDs behind the screen or by a row of LEDs along the display edge instead of fluorescent lamps (CCFLs - cold cathode fluorescent lamps). MIC's LED TV is a true LED TV in that each pixel on the screen is a single LED or cluster of three LEDs and as such each pixel is directly powered and illuminated rather than being lit from behind or the edge by another light source. This allows indoor, outdoor and all out of home applications comprising of bezel and edge free true LED TV's of 55", 110", 165", 220",275",330" or any size/shape as per the application with HD,VHD,UHD aspect ratios in 2k, 4k, 8k and 12k resolution combinations scalable to any specific requirement having pixel pitch of 0.95 mm,1.25mm,1.5mm,1.9mm,2.5mm for indoor small pixel and 3mm to 6mm and more for outdoor applications.

2. **Segment and Application Areas:**

   The segments comprise of Transport, Sports, Defense, Security forces, Advertisement and Signage, PSU's/ Industries, Theatres & Events, Smart Cities, Cloud based networked displays and Special Projects and naked eye 3D day/night visible displays.

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The applications include Passenger Information systems, Score board and perimeter displays, Security , Surveillance and Disaster Management Control Rooms, Digital Bill boards, Creative Displays, Process Control/ Production information, Studio sets and Backdrops, Networking Displays (RDN),video conferencing and 3D displays.

3. **Business potential:**

The potential business worldwide is to the tune of US$ 15 Billion. The China market alone is about US$ 5 Billion, USA approximately about US$ 3 Billion and rest of the world about US$ 7 Billion. In India, it is estimated around US$ 150 Million and will increase rapidly , as wider IoT, Smart City infrastructure and Digital India undertakings take hold.

This continues MIC tradition of technology leadership in this segment ever since inception for past over 3 decades and of staying at forefront of capturing emerging business opportunities in India.

This is for your information please.

Thanking you,

Yours truly,

For MIC Electronics Limited

(Dr. M V Ramana Rao)
Managing Director

MIC ELECTRONICS LIMITED Hyd

क्रमांक :
Sl. No. : 044 023855

सत्यमेव जयते

INTELLECTUAL
PROPERTY **INDIA**
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
पेटेंट प्रमाणपत्र
Patent Certificate
(Rule 74 of Patents Rules)

Patent Number	:	**280159**
Application Number	:	2141/CHE/2009
Date of Filing	:	04/09/2009
Patentee	:	MIC ELECTRONICS LIMITED

It is hereby certified that a patent has been granted to the patentee for an invention entitled "A LED TV DISPLAY SYSTEM " as disclosed in the above mentioned application for the term of 20 years from the 4 day of SEPTEMBER 2009 in accordance with the provisions of the Patents Act, 1970.

Controller of Patents

Controller General of Patents,
Designs & Trademarks

Date of Grant:13/02/2017

Note: The fees for renewal of this patent, if it is to be maintained will fall/has fallen due on 4 day of SEPTEMBER 2011 and on the same day in every year thereafter.