

MALARIA IS A TREATABLE DISEASE - DR. GAYANA GUNARATNA



BY DESHAN WIJAYANTHA

This article is based on an interview conducted with Dr. Gayana Gunaratna of the Department of Medical Microbiology, University of Kelaniya regarding World Malaria Day, which falls on 25 April.

What kind of disease is Malaria?

A: Malaria is a well-known disease for most of us and it is a parasitic infection that is transmitted by mosquitoes. The causative agents of malaria are unicellular protozoan parasites belonging to the genus Plasmodium.

As we are aware, malaria is a treatable disease. The severity changes from mild to severe, life-threatening disease. The parasite affects almost all the organs and the systems of the body. Unfortunately, if the diagnosis is delayed, and the appropriate treatment is not given on time, it can result in various complications and may even lead to death.

How is malaria transmitted?

A: Malaria is acquired following a bite of an infected female Anopheles mosquito. The principal vector, Anopheles culicifacies, is present mainly in the dry and intermediate zones of the country.

There are other infrequent ways through which one can acquire malaria. For example, with blood transfusions. The risk of getting malaria following a blood transfusion is minimal as, all the blood that we donate, is screened thoroughly before transfusion. Malaria is also rarely transmitted to a baby from an infected pregnant mother and it is also transmitted with organ transplants.

What are the symptoms of this disease?

A: It is important for us to know about the symptoms of malaria. The symptoms displayed by patients with malaria are not unique to the infection. The symptoms that one can develop at the beginning are fever, chills, body aches, general weakness, vomiting, headaches and stomachache.

When the disease progresses, the patient develops symptoms owing to the complications of the disease. As I have mentioned earlier, malaria is a disease that can affect almost all the organs of our body. It can affect the brain, the liver, the kidney and the bone marrow. So, if the brain is involved, we call it 'Cerebral malaria,' and such patients may develop changes in behaviour, altered levels of consciousness and convulsions. If the kidneys are affected, the colour of urine might change and the urine output will be reduced as a symptom of the disease. And if the liver is affected, the white of their eyes may change to yellow.

Are the symptoms of malaria different from other fevers, such as dengue or influenza?

A: That's an important question. Especially the initial symptoms of Malaria are non-specific. More importantly, the initial symptoms may mimic other common infections in the country, such as Dengue, and leptospirosis.

This is very important in the present context of the country. There has been no local transmission of malaria in Sri Lanka following the elimination of the disease in 2012. In 2016, the World Health Organisation certified Sri Lanka as a malaria-free country. However, we continue to be presented with cases of malaria in the country, and all are acquired outside of the country. Thus, it is important to seek medical care if you feel unwell following travel to an overseas country that is endemic to malaria for any reason.

How to get malaria tests done?

A: If you feel unwell following travel to a malaria-endemic country, please seek medical care immediately, and tell your doctor about your travel history in addition to your symptoms. Your doctor

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will direct you to get the tests for malaria completed free of charge.

There are different tests available to diagnose malaria. The most commonly used test looks for the presence of malaria parasites in your blood. Facilities for this test are available in most hospitals. Also, malaria antigen detection tests can be performed. Your doctor will decide which test is suitable for you.

Molecular tests are also available, but those are mainly for research and epidemiological studies.

Who is at risk of malaria?

A: The majority of us are non-immune to malaria, as we have not been exposed to the parasite earlier. Therefore, any one of us is at risk of getting malaria, if an infected mosquito bites us, but young children and pregnant females have a higher risk of getting severe and complicated disease.

The risk groups for malaria include those who go on pilgrimages and those who travel to countries where malaria is prevalent for different purposes such as occupational commitments, adventure tours and vacations. The official webpage of the Anti-Malaria Campaign provides a list of all the countries with the risk of transmitting malaria.

How important is it to identify patients and get proper treatment?

A: That's another very important question. It is important for one to seek medical care early, as early diagnosis and timely commencement of treatment can prevent many complications of the disease. As local transmission is non-apparent, it is vital to undergo treatment for the disease as soon as possible to prevent the disease from spreading in the community. This is because vector mosquitoes are still prevalent in the environment and if infected people remain to be present in the community, the mosquitoes can get infected while obtaining their blood meals, and transmit malaria to others in the community. This can eventually lead to the re-establishment of malaria in Sri Lanka.

A similar event happened in 1963.

Through the various activities conducted by the Anti-Malarial Campaign (AMC), in 1963, a chance to eradicate malaria from the country presented itself. The country reported less than 20 cases. Then a surge of malaria cases was detected in the country, most probably due to undetected foci of malaria transmission, the increased number of local and international travels of Sri Lankans, and the decreased intensity of control activities against malaria. Now AMC and health authorities are taking all the possible steps to prevent the re-establishment of malaria, especially cautiously after the above-mentioned past incidents. After all, history can repeat itself and we need to take all possible measures to prevent it.

As responsible people in the community, we must all play our roles to help the ongoing control activities for malaria. The precautionary steps for malaria include seeking advice from AMC prior to traveling to a country where malaria is endemic and taking precautions to avoid getting bitten by mosquitoes. Most importantly we must comply with the prophylaxis and treatment given for malaria.

There are still cases of malaria at present. What are the reasons for this?

A: Yes, we are still being presented with malaria cases. Almost all are imported cases, which means they were acquired outside the country.

Explain the steps taken to eradicate malaria from Sri Lanka and the success achieved through them?

A: The AMC and the health authorities are taking all the necessary steps to prevent the re-establishment of malaria in Sri Lanka.

These include providing prophylaxis medication before you travel to a malaria-prevaling country along with related advice, providing diagnostic facilities free of charge, conducting surveillance for active case detection and conducting vector control activities. They conduct awareness programmes targeting both the public and healthcare professionals.

Deshan Wijayantha, Communication and Media Unit, University of Kelaniya.

PUBLIC NOTICE

I, Kapurbandara Arachchige Ushari Thejanie of No. 10, Visaka Road, Gampaha, Sri Lanka, inform the general public of Democratic Socialist Republic of Sri Lanka that I have lost my Bachelor of Medicine and surgery (MBBS) certificate learning Roll No. 95, SI No. 0791 issued to me on 1st August 2018 by University of Science & Technology Chittagong.

PUBLIC NOTICE

In pursuant of sec.34 of companies Act No.7 of 2007, an application has been made to the Registrar of Companies for a license directing an association about to be formed under the Name and style of "Happy Elders Foundation" to be registered with limited liability without the addition of limited to its name.

- Objects**
- To establish, operate and manage homes for elders to protect and help them and provide nourishment, qualifications, facilities and wellbeing promote programs in these connections.
 - To rehabilitate and assist to the elderly, physically disabled, those mentally handicapped and help them to lead a better life and enhance their standard of living.
 - To enhance living standards of needy and disadvantaged families and train and assist them to be self-sufficient and engage in self-employment ventures.
 - To inspire the younger generation to embrace the wisdom of their elders, advocating for keeping familial bonds intact and fostering a culture of care within our communities.
 - To build up the will power of the elders & youth and educate them by organizing seminars, discussions and promote their development.

Notice is hereby given that any person or corporation objecting to this, a letter should be forwarded to the Registrar, Department of Registrar of Companies, No.400, D. R. Wijewardana Mawatha, Colombo 10, within 03 weeks from today.

Secretary

PUBLIC NOTICE

In pursuant of sec.34 of companies Act No.7 of 2007, an application has been made to the Registrar of Companies for a license directing an association about to be formed under the Name and style of "Saubhagya Poverty Alleviation Development Foundation" to be registered with limited liability without the addition of limited to its name.

- Objects**
- To eradicating rural poverty, eliminating malnutrition, increasing literacy, uplifting the rural economy by using existing resources in the production process with high efficiency using new technology.
 - To promoting & encourage thrifty methods and saving methods for the sake of the social community and their economic stability.
 - To implementing and maintaining the introduction of social security programs, implementing appropriate programs to strengthen the membership, and uplifting the national economy through economic, social and cultural empowerment of the community.

Notice is hereby given that any person or corporation objecting to this, a letter should be forwarded to the Registrar, Department of Registrar of Companies, No.400, D. R. Wijewardana Mawatha, Colombo 10, within 03 weeks from today.

Secretary

Union Bank of Colombo PLC

NOTICE OF RESOLUTION PASSED BY THE UNION BANK OF COLOMBO PLC UNDER SECTION 04 OF THE RECOVERY OF LOANS BY BANKS (SPECIAL PROVISIONS) ACT NO. 4 OF 1990.

In terms of Section 6 of the Recovery of Loans by Banks (Special Provisions) Act No. 4 of 1990, it is hereby notified that the following resolution was unanimously passed by the Board of Directors of Union Bank of Colombo PLC, hereinafter referred to as Union Bank at the held on 22nd March, 2024.

WHEREAS Sumanthara Rajapaksa (NIC No. 924464980 V) and Jayasinghe Mahipala Rajapaksa (NIC No. 924464980 V) (hereinafter referred to as the Obligors) both of No. 17/113, 40, Jeeva Mawatha, Baddegama, Moratuwa, obtained from Union Bank of Colombo PLC (hereinafter referred to as the Bank) a loan facility in the amount of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Loan Facility) and whereas said Obligor and Mortgagee entered into the Primary Mortgage Bond No. 417 dated 22.04.2016 and the Secondary Mortgage Bond No. 418 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 419 dated 22.04.2016 and the Tertiary Mortgage Bond No. 420 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 421 dated 22.04.2016 and the Tertiary Mortgage Bond No. 422 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 423 dated 22.04.2016 and the Tertiary Mortgage Bond No. 424 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 425 dated 22.04.2016 and the Tertiary Mortgage Bond No. 426 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 427 dated 22.04.2016 and the Tertiary Mortgage Bond No. 428 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 429 dated 22.04.2016 and the Tertiary Mortgage Bond No. 430 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 431 dated 22.04.2016 and the Tertiary Mortgage Bond No. 432 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 433 dated 22.04.2016 and the Tertiary Mortgage Bond No. 434 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 435 dated 22.04.2016 and the Tertiary Mortgage Bond No. 436 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 437 dated 22.04.2016 and the Tertiary Mortgage Bond No. 438 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 439 dated 22.04.2016 and the Tertiary Mortgage Bond No. 440 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 441 dated 22.04.2016 and the Tertiary Mortgage Bond No. 442 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 443 dated 22.04.2016 and the Tertiary Mortgage Bond No. 444 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 445 dated 22.04.2016 and the Tertiary Mortgage Bond No. 446 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 447 dated 22.04.2016 and the Tertiary Mortgage Bond No. 448 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 449 dated 22.04.2016 and the Tertiary Mortgage Bond No. 450 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 451 dated 22.04.2016 and the Tertiary Mortgage Bond No. 452 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 453 dated 22.04.2016 and the Tertiary Mortgage Bond No. 454 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 455 dated 22.04.2016 and the Tertiary Mortgage Bond No. 456 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 457 dated 22.04.2016 and the Tertiary Mortgage Bond No. 458 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 459 dated 22.04.2016 and the Tertiary Mortgage Bond No. 460 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 461 dated 22.04.2016 and the Tertiary Mortgage Bond No. 462 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 463 dated 22.04.2016 and the Tertiary Mortgage Bond No. 464 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 465 dated 22.04.2016 and the Tertiary Mortgage Bond No. 466 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 467 dated 22.04.2016 and the Tertiary Mortgage Bond No. 468 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 469 dated 22.04.2016 and the Tertiary Mortgage Bond No. 470 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 471 dated 22.04.2016 and the Tertiary Mortgage Bond No. 472 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 473 dated 22.04.2016 and the Tertiary Mortgage Bond No. 474 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 475 dated 22.04.2016 and the Tertiary Mortgage Bond No. 476 dated 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22.04.2016 and the Tertiary Mortgage Bond No. 492 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 493 dated 22.04.2016 and the Tertiary Mortgage Bond No. 494 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 495 dated 22.04.2016 and the Tertiary Mortgage Bond No. 496 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 497 dated 22.04.2016 and the Tertiary Mortgage Bond No. 498 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 499 dated 22.04.2016 and the Tertiary Mortgage Bond No. 500 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 501 dated 22.04.2016 and the Tertiary Mortgage Bond No. 502 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 503 dated 22.04.2016 and the Tertiary Mortgage Bond No. 504 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 505 dated 22.04.2016 and the Tertiary Mortgage Bond No. 506 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 507 dated 22.04.2016 and the Tertiary Mortgage Bond No. 508 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 509 dated 22.04.2016 and the Tertiary Mortgage Bond No. 510 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 511 dated 22.04.2016 and the Tertiary Mortgage Bond No. 512 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 513 dated 22.04.2016 and the Tertiary Mortgage Bond No. 514 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 515 dated 22.04.2016 and the Tertiary Mortgage Bond No. 516 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 517 dated 22.04.2016 and the Tertiary Mortgage Bond No. 518 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 519 dated 22.04.2016 and the Tertiary Mortgage Bond No. 520 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 521 dated 22.04.2016 and the Tertiary Mortgage Bond No. 522 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 523 dated 22.04.2016 and the Tertiary Mortgage Bond No. 524 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 525 dated 22.04.2016 and the Tertiary Mortgage Bond No. 526 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 527 dated 22.04.2016 and the Tertiary Mortgage Bond No. 528 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 529 dated 22.04.2016 and the Tertiary Mortgage Bond No. 530 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 531 dated 22.04.2016 and the Tertiary Mortgage Bond No. 532 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 533 dated 22.04.2016 and the Tertiary Mortgage Bond No. 534 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 535 dated 22.04.2016 and the Tertiary Mortgage Bond No. 536 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 537 dated 22.04.2016 and the Tertiary Mortgage Bond No. 538 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 539 dated 22.04.2016 and the Tertiary Mortgage Bond No. 540 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 541 dated 22.04.2016 and the Tertiary Mortgage Bond No. 542 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 543 dated 22.04.2016 and the Tertiary Mortgage Bond No. 544 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 545 dated 22.04.2016 and the Tertiary Mortgage Bond No. 546 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 547 dated 22.04.2016 and the Tertiary Mortgage Bond No. 548 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 549 dated 22.04.2016 and the Tertiary Mortgage Bond No. 550 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 551 dated 22.04.2016 and the Tertiary Mortgage Bond No. 552 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 553 dated 22.04.2016 and the Tertiary Mortgage Bond No. 554 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 555 dated 22.04.2016 and the Tertiary Mortgage Bond No. 556 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 557 dated 22.04.2016 and the Tertiary Mortgage Bond No. 558 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 559 dated 22.04.2016 and the Tertiary Mortgage Bond No. 560 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 561 dated 22.04.2016 and the Tertiary Mortgage Bond No. 562 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 563 dated 22.04.2016 and the Tertiary Mortgage Bond No. 564 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 565 dated 22.04.2016 and the Tertiary Mortgage Bond No. 566 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 567 dated 22.04.2016 and the Tertiary Mortgage Bond No. 568 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 569 dated 22.04.2016 and the Tertiary Mortgage Bond No. 570 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 571 dated 22.04.2016 and the Tertiary Mortgage Bond No. 572 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 573 dated 22.04.2016 and the Tertiary Mortgage Bond No. 574 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 575 dated 22.04.2016 and the Tertiary Mortgage Bond No. 576 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 577 dated 22.04.2016 and the Tertiary Mortgage Bond No. 578 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 579 dated 22.04.2016 and the Tertiary Mortgage Bond No. 580 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 581 dated 22.04.2016 and the Tertiary Mortgage Bond No. 582 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 583 dated 22.04.2016 and the Tertiary Mortgage Bond No. 584 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 585 dated 22.04.2016 and the Tertiary Mortgage Bond No. 586 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 587 dated 22.04.2016 and the Tertiary Mortgage Bond No. 588 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 589 dated 22.04.2016 and the Tertiary Mortgage Bond No. 590 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 591 dated 22.04.2016 and the Tertiary Mortgage Bond No. 592 dated 22.04.2016, both of Rs. 10,000,000/- (Ten Million Rupees) (hereinafter referred to as the Mortgage Bonds) and whereas said Obligor and Mortgagee entered into the Secondary Mortgage Bond No. 593 dated 22.04.2016 and the Tertiary Mortgage Bond No.